

FIG. 1

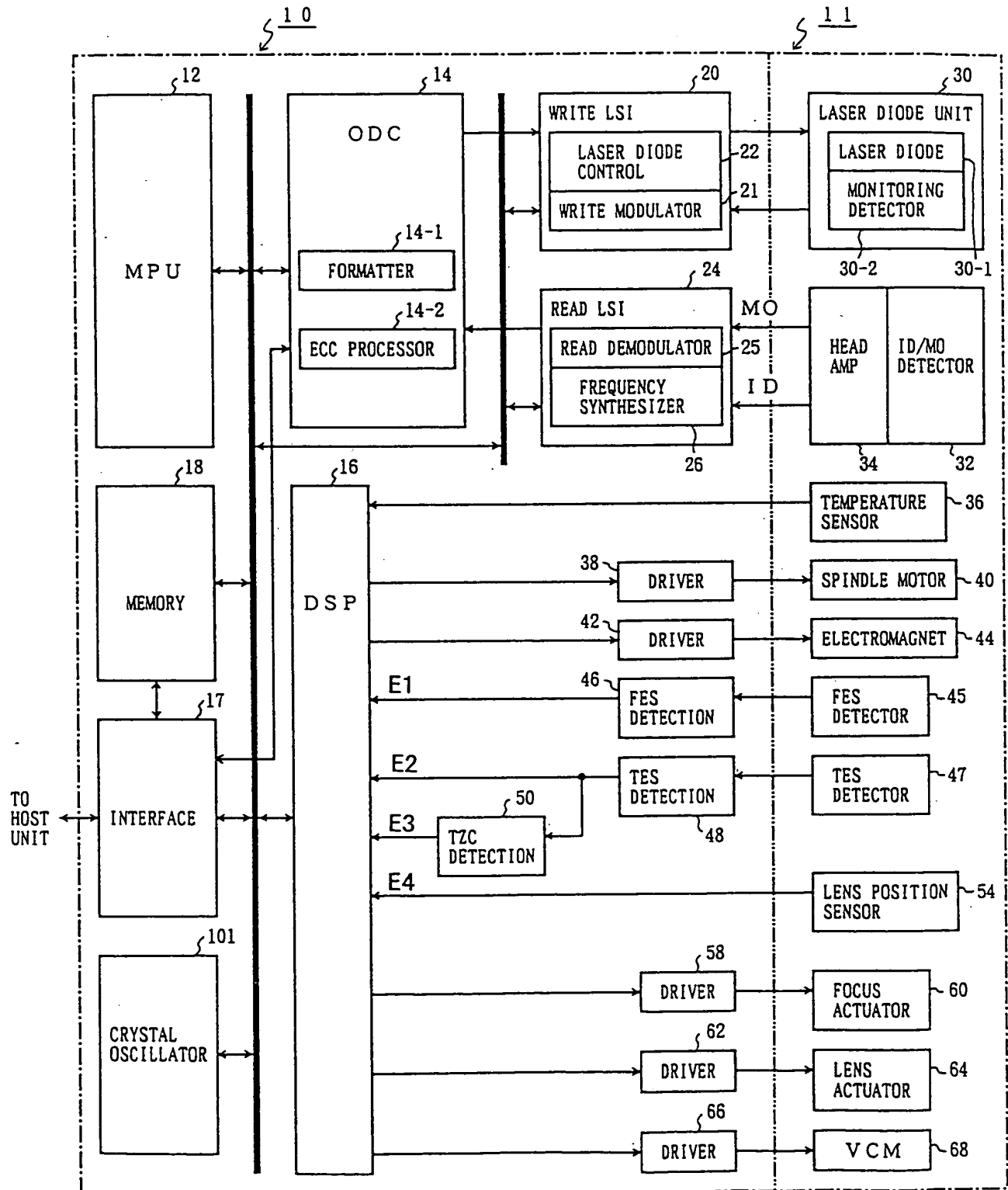


FIG. 2

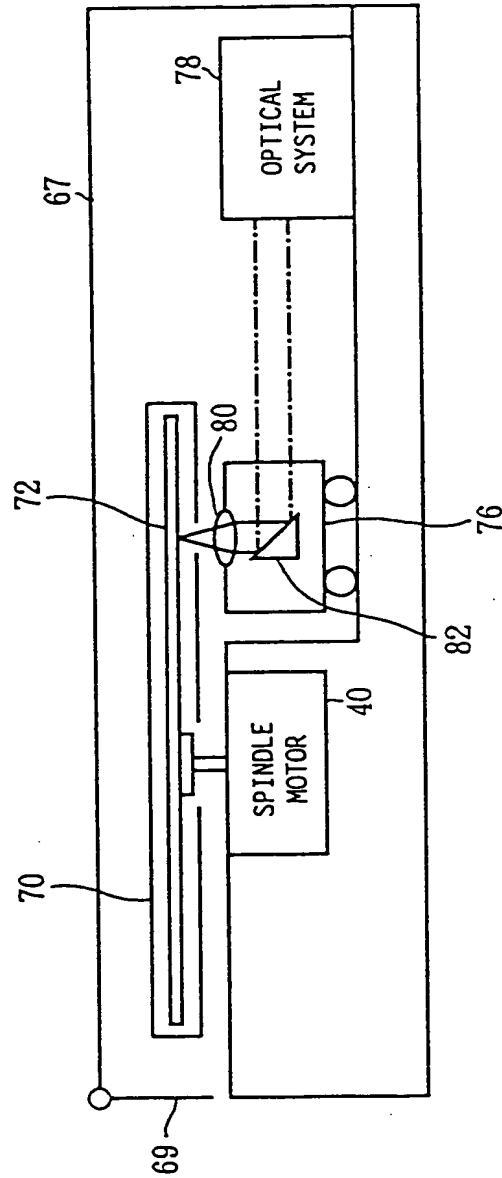


FIG.4

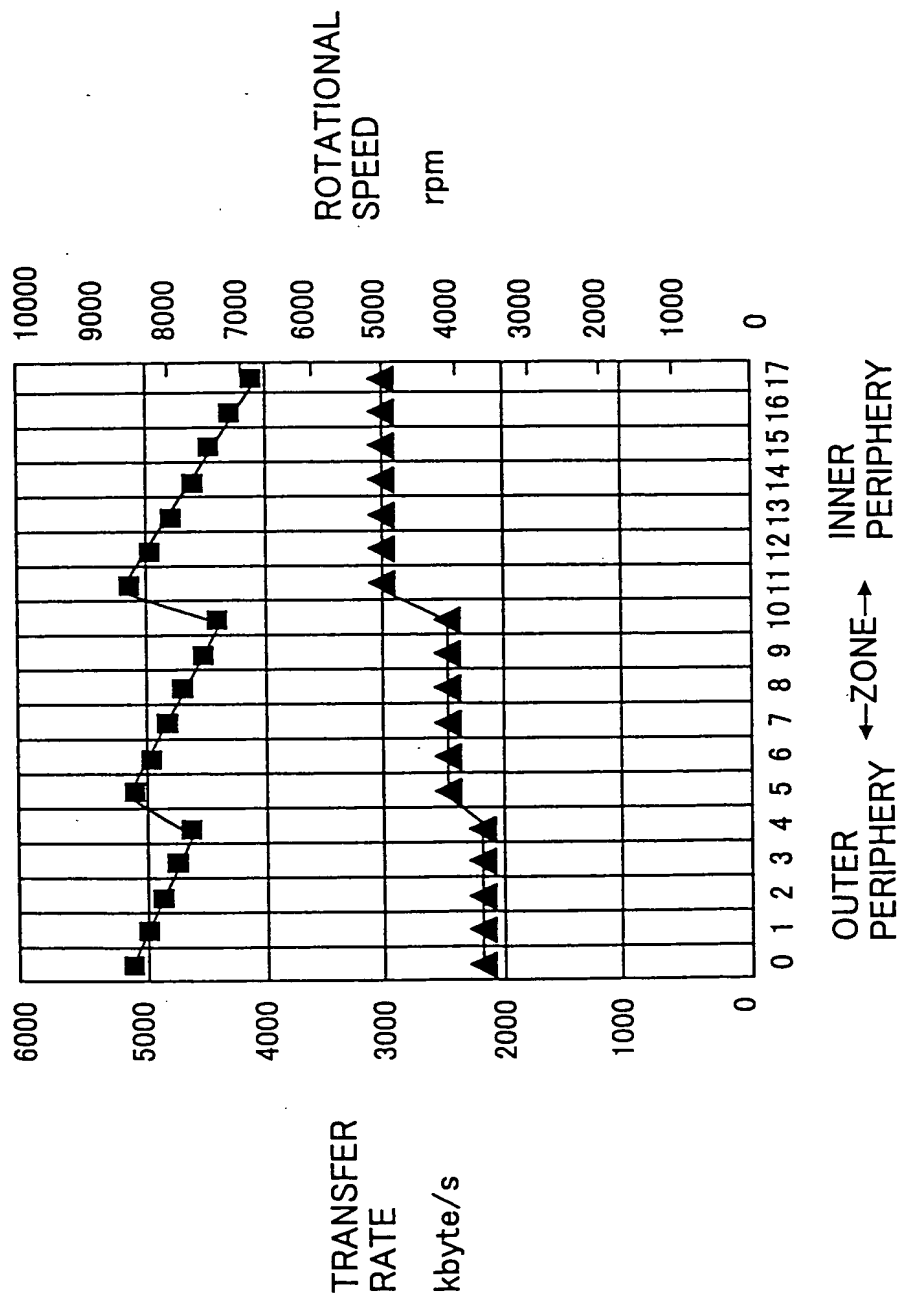


FIG.5

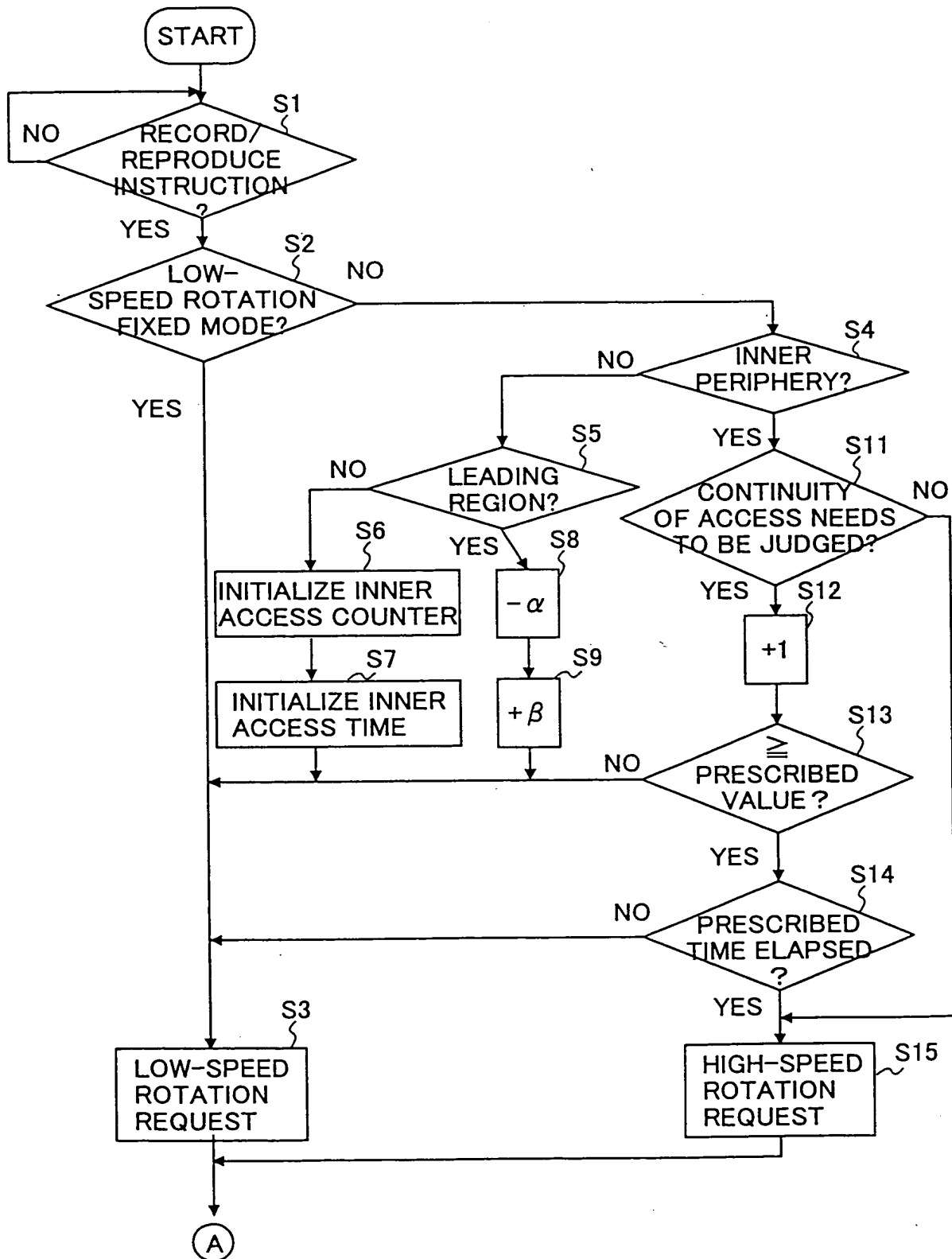


FIG.6

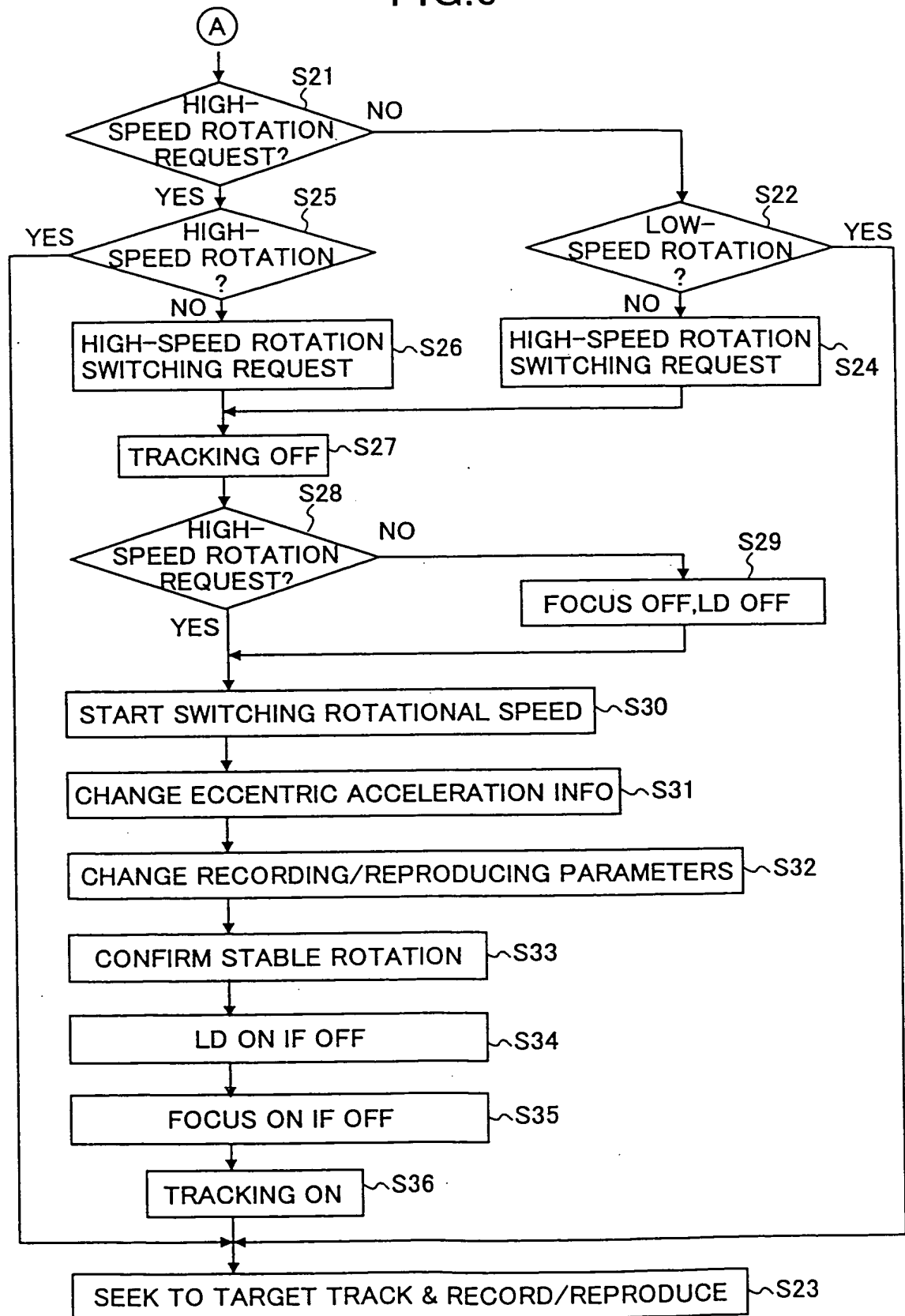


FIG. 7

	3637rpm	4138rpm	5001rpm
0	80.34	-	-
1	78.38	-	-
2	76.42	-	-
3	74.46	-	-
4	72.5	-	-
5	70.55	80.28	-
6	68.59	78.05	-
7	66.63	75.82	-
8	64.67	73.59	-
9	62.71	71.36	-
10	60.75	69.13	-
11	58.79	66.9	80.83
12	56.83	64.67	78.11
13	54.87	62.44	75.44
14	52.91	60.21	72.75
15	50.95	57.98	70.06
16	48.99	55.75	67.36
17	47.03	53.52	64.67

100220-11251060

FIG.8

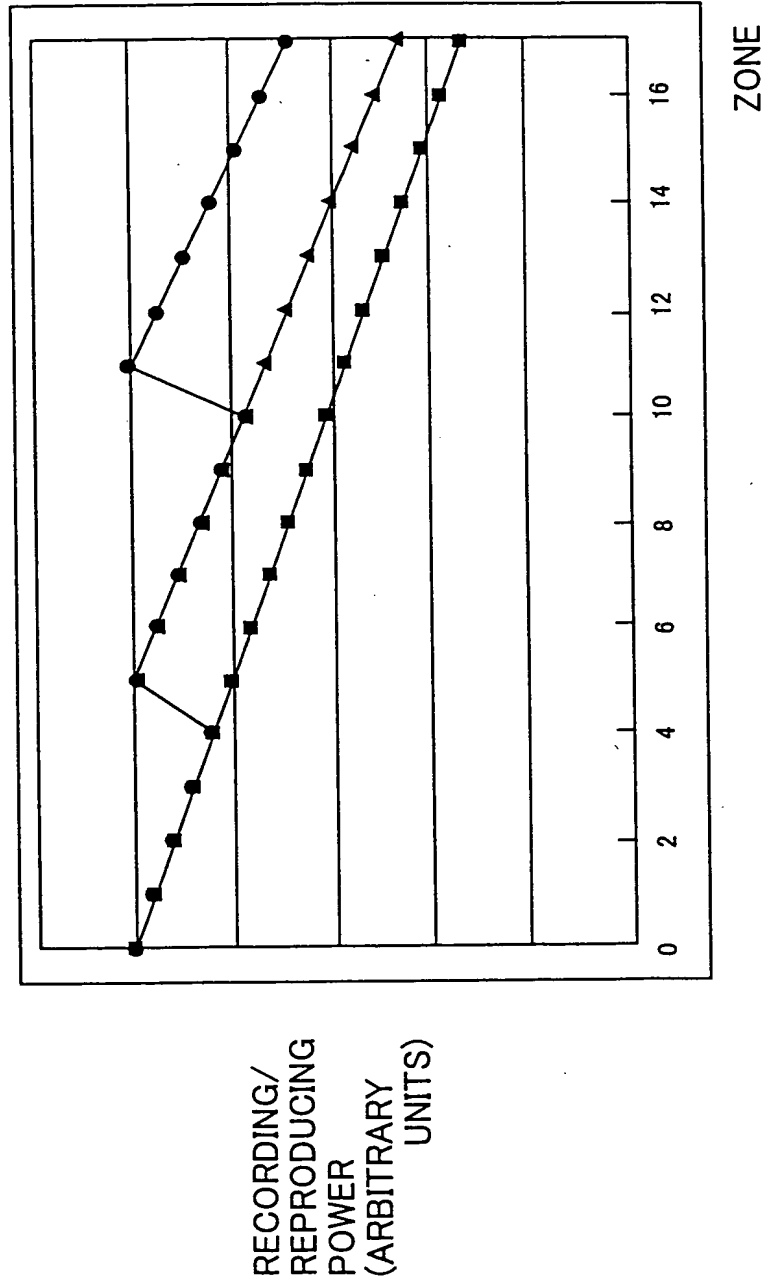


FIG.9

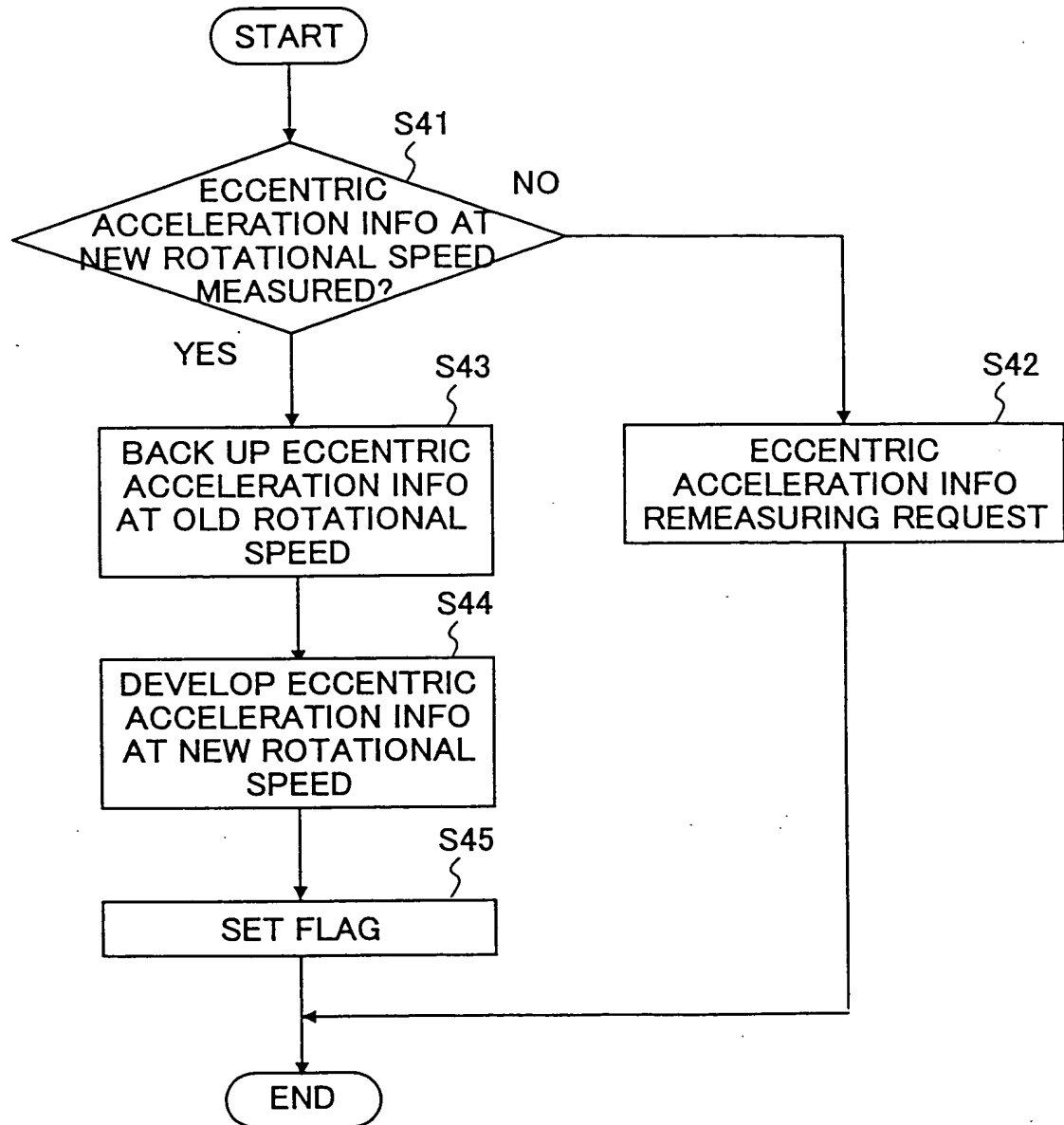


FIG.10

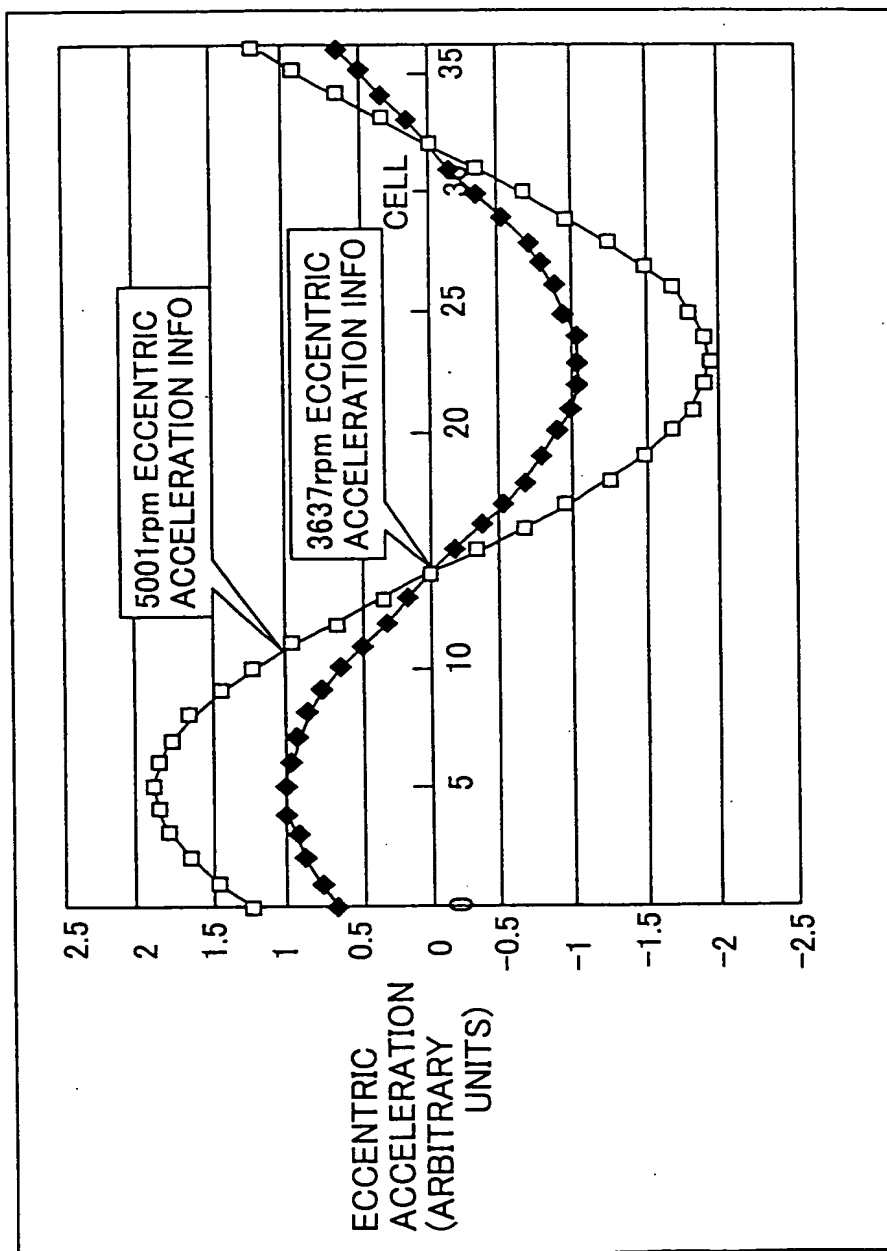


FIG.11

ZONE		ZCAV	(Kbyte/s)	
		3637rpm	4138rpm	5001rpm
OUTER PERIPHERY	0	5090		
	1	4966		
	2	4842		
	3	4717		
	4	4593		
	5	4469	5085	
	6	4345	4944	
	7	4221	4802	
	8	4097	4661	
	9	3973	4520	
	10	3848	4379	
	11	3724	4237	5121
	12	3600	4096	4950
	13	3476	3955	4780
	14	3352	3814	4609
	15	3228	3672	4438
	16	3104	3531	4268
INNER PERIPHERY	17	2979	3390	4097

FIG. 11 (continued)

Country	Year	Value	Unit
Algeria	1970	100	kg
Algeria	1971	100	kg
Algeria	1972	100	kg
Algeria	1973	100	kg
Algeria	1974	100	kg
Algeria	1975	100	kg
Algeria	1976	100	kg
Algeria	1977	100	kg
Algeria	1978	100	kg
Algeria	1979	100	kg
Algeria	1980	100	kg
Algeria	1981	100	kg
Algeria	1982	100	kg
Algeria	1983	100	kg
Algeria	1984	100	kg
Algeria	1985	100	kg
Algeria	1986	100	kg
Algeria	1987	100	kg
Algeria	1988	100	kg
Algeria	1989	100	kg
Algeria	1990	100	kg
Algeria	1991	100	kg
Algeria	1992	100	kg
Algeria	1993	100	kg
Algeria	1994	100	kg
Algeria	1995	100	kg
Algeria	1996	100	kg
Algeria	1997	100	kg
Algeria	1998	100	kg
Algeria	1999	100	kg
Algeria	2000	100	kg
Algeria	2001	100	kg
Algeria	2002	100	kg
Algeria	2003	100	kg
Algeria	2004	100	kg
Algeria	2005	100	kg
Algeria	2006	100	kg
Algeria	2007	100	kg
Algeria	2008	100	kg
Algeria	2009	100	kg
Algeria	2010	100	kg
Algeria	2011	100	kg
Algeria	2012	100	kg
Algeria	2013	100	kg
Algeria	2014	100	kg
Algeria	2015	100	kg
Algeria	2016	100	kg
Algeria	2017	100	kg
Algeria	2018	100	kg
Algeria	2019	100	kg
Algeria	2020	100	kg
Algeria	2021	100	kg
Algeria	2022	100	kg
Algeria	2023	100	kg
Algeria	2024	100	kg
Algeria	2025	100	kg
Algeria	2026	100	kg
Algeria	2027	100	kg
Algeria	2028	100	kg
Algeria	2029	100	kg
Algeria	2030	100	kg
Algeria	2031	100	kg
Algeria	2032	100	kg
Algeria	2033	100	kg
Algeria	2034	100	kg
Algeria	2035	100	kg
Algeria	2036	100	kg
Algeria	2037	100	kg
Algeria	2038	100	kg
Algeria	2039	100	kg
Algeria	2040	100	kg
Algeria	2041	100	kg
Algeria	2042	100	kg
Algeria	2043	100	kg
Algeria	2044	100	kg
Algeria	2045	100	kg
Algeria	2046	100	kg
Algeria	2047	100	kg
Algeria	2048	100	kg
Algeria	2049	100	kg
Algeria	2050	100	kg
Algeria	2051	100	kg
Algeria	2052	100	kg
Algeria	2053	100	kg
Algeria	2054	100	kg
Algeria	2055	100	kg
Algeria	2056	100	kg
Algeria	2057	100	kg
Algeria	2058	100	kg
Algeria	2059	100	kg
Algeria	2060	100	kg
Algeria	2061	100	kg
Algeria	2062	100	kg
Algeria	2063	100	kg
Algeria	2064	100	kg
Algeria	2065	100	kg
Algeria			

FIG.13

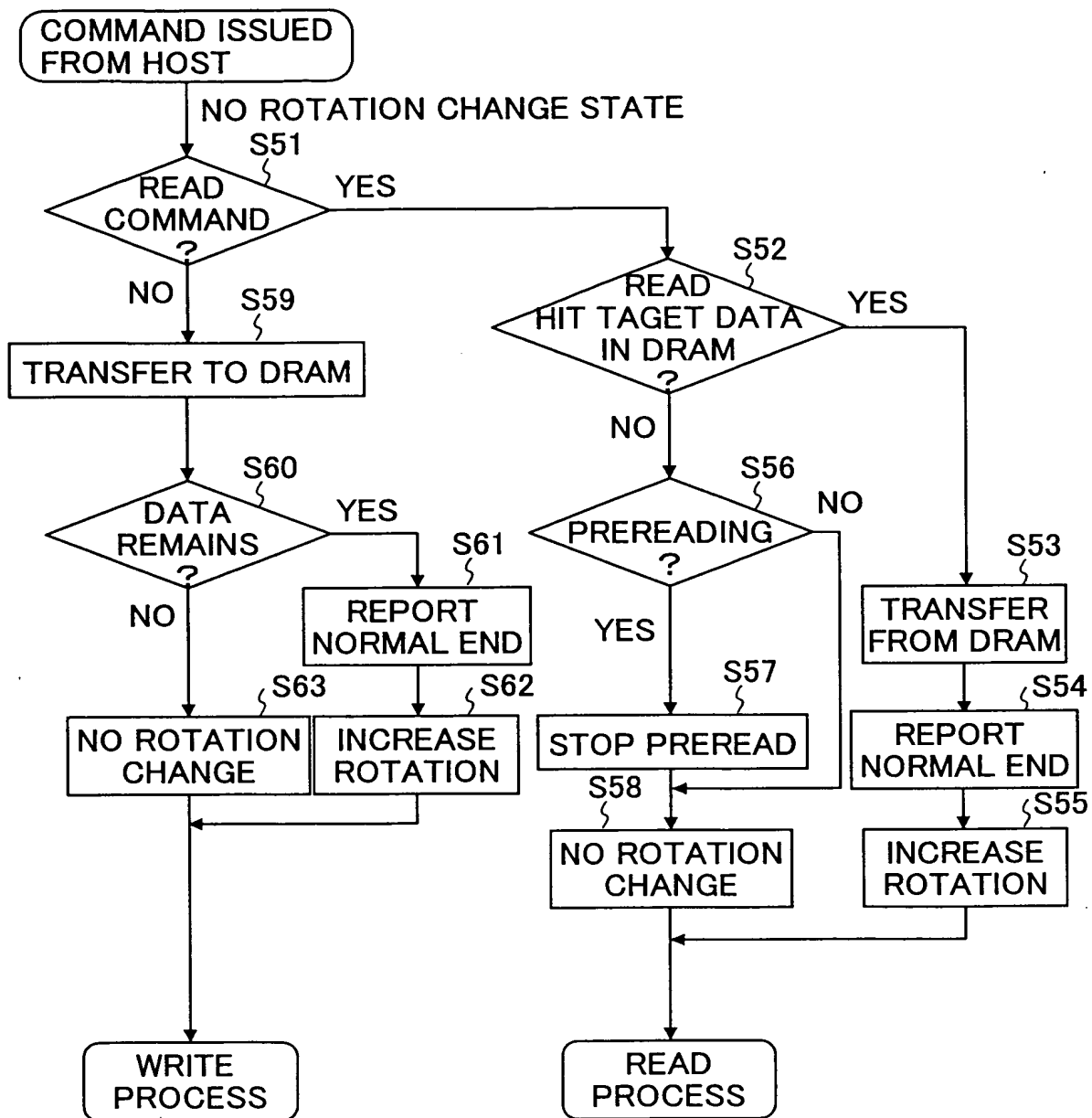


FIG. 14

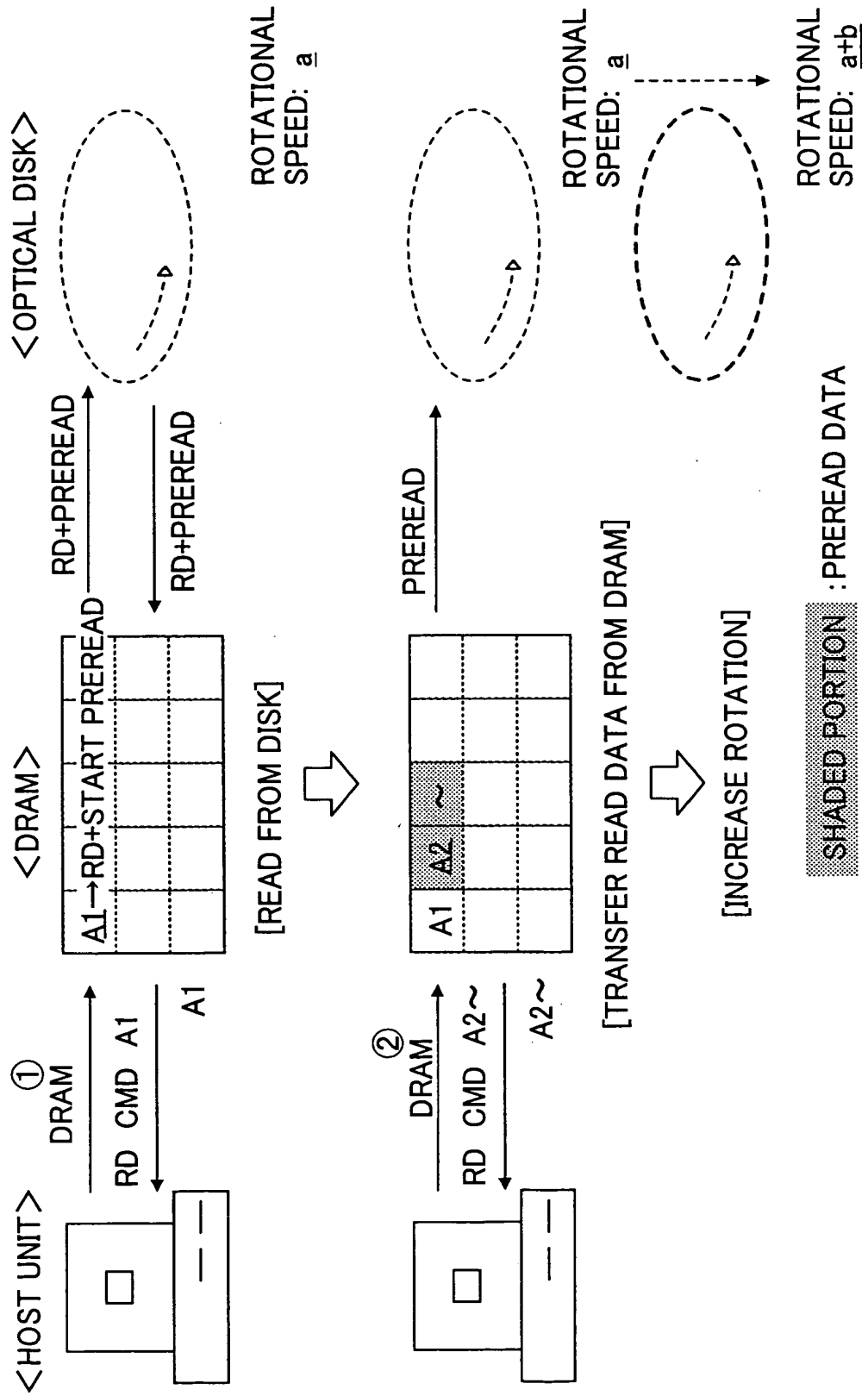


FIG.15

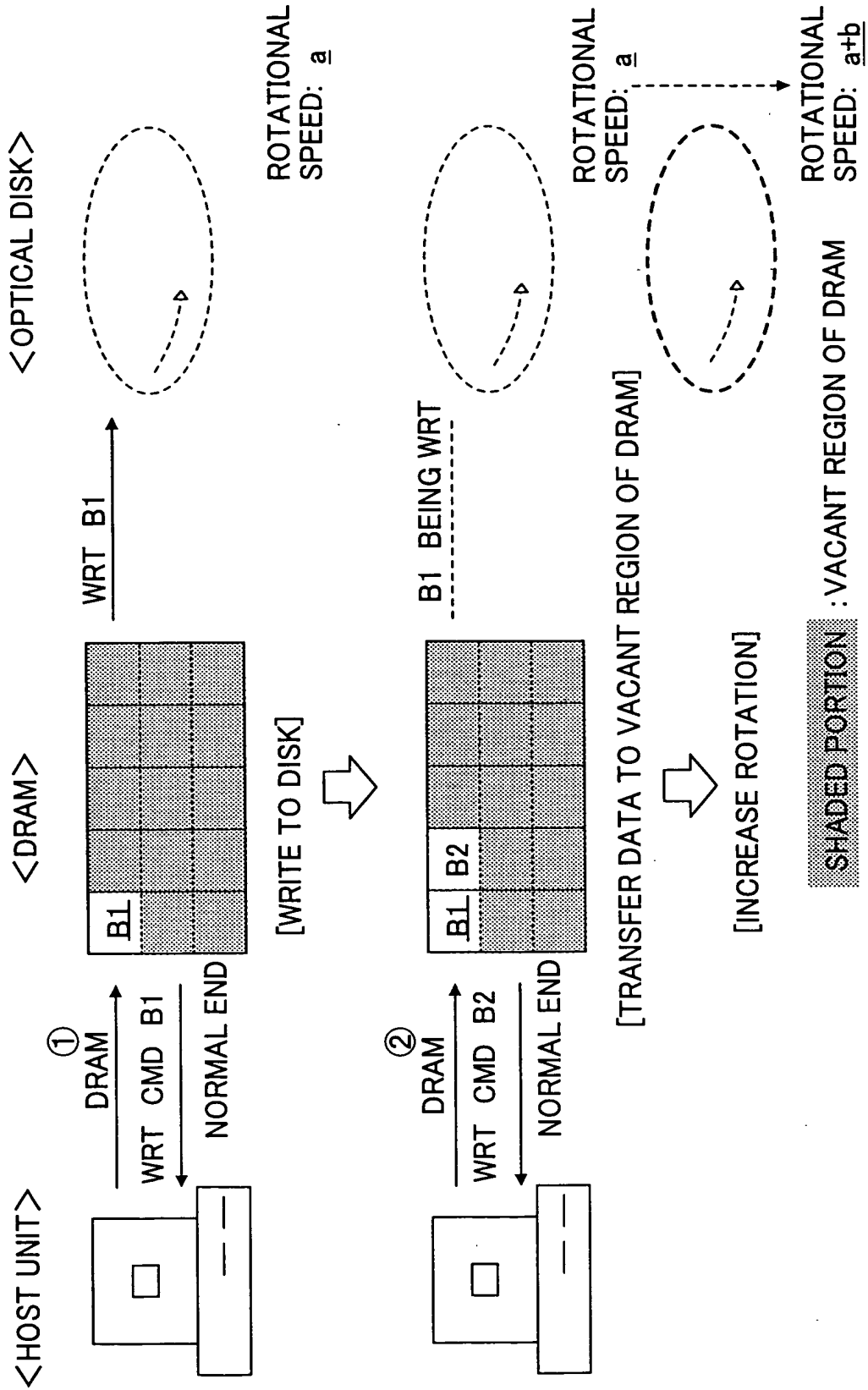


FIG.16

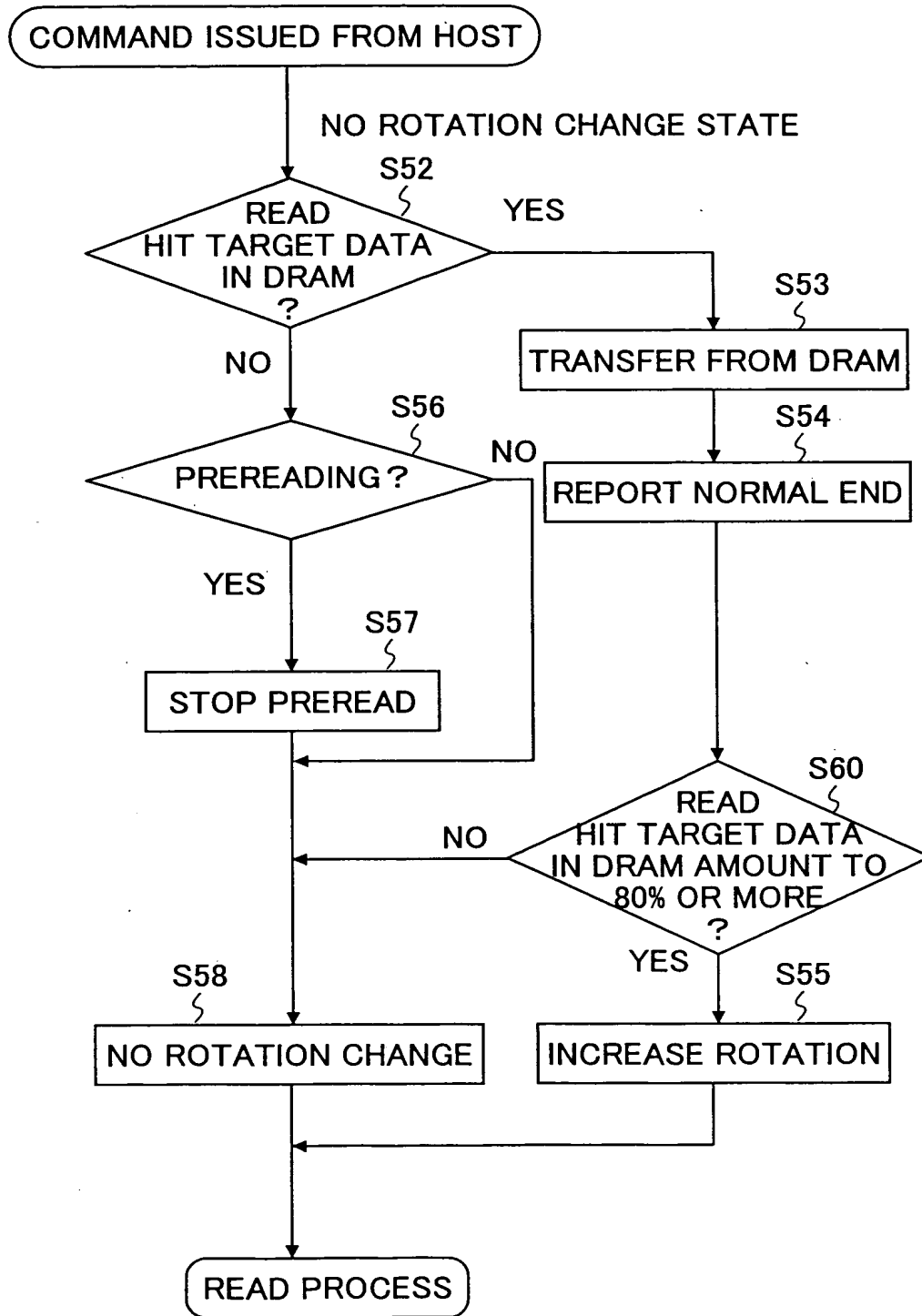


FIG.17

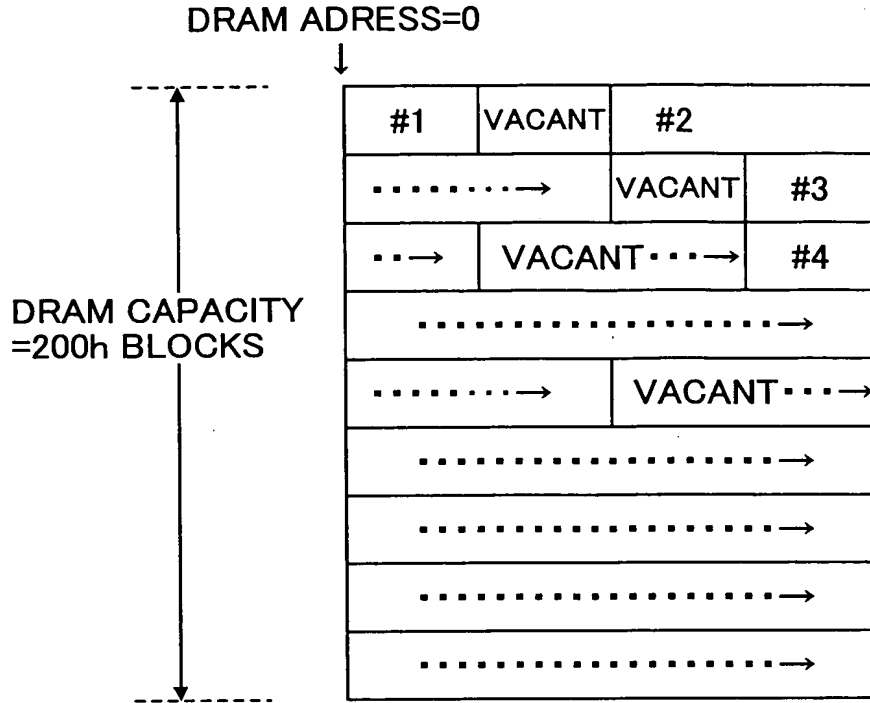


FIG.18

#	FIRST LBA	BCNO.	ADR OF FIRST LBA
1	1000	10	0
2	1020	40	4000
3	1070	20	E000
4	10B0	70	16000
.
n

(UNIT: Hex)

FIG.19

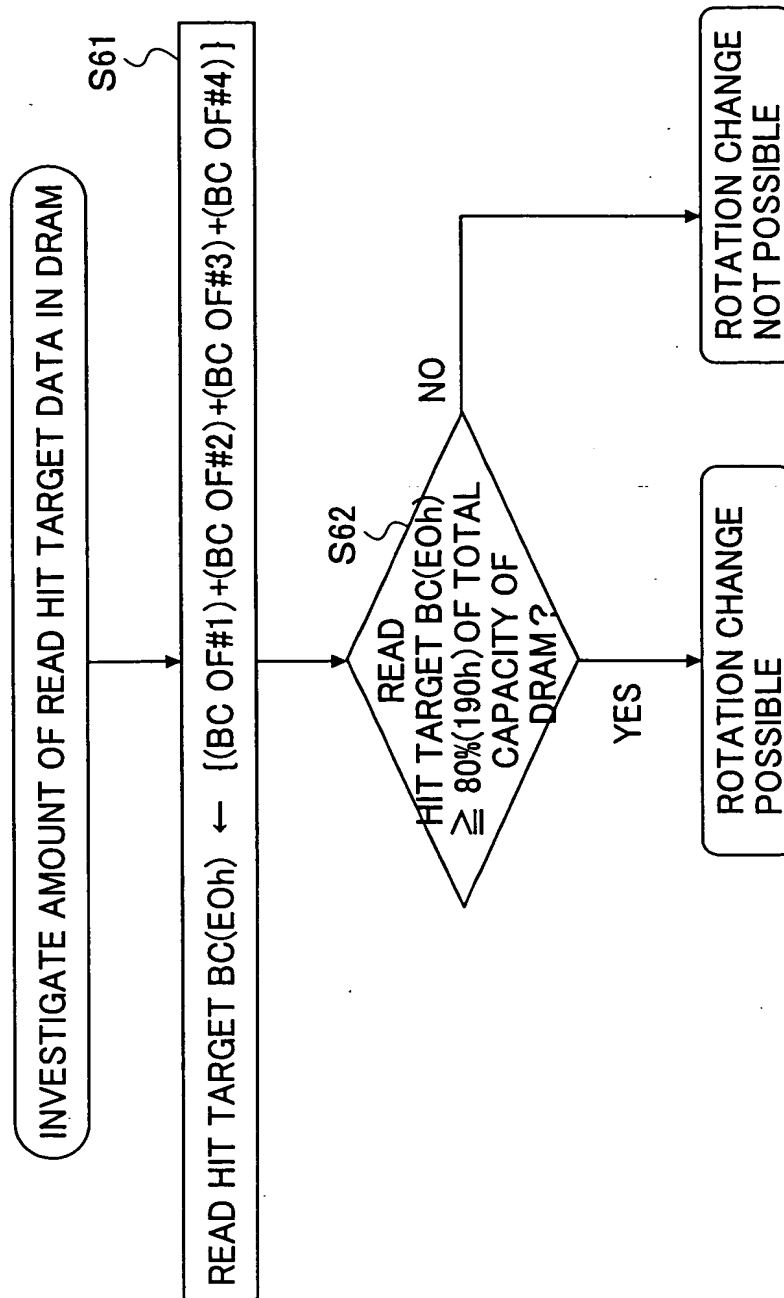


Diagram illustrating a data read operation from an optical disk to a host unit.

Host Unit: Labeled "<HOST UNIT>". It sends a read command "RD" and a range of cylinder addresses "C1 ~ C15" to the disk.

Optical Disk: Labeled "<OPTICAL DISK>". It contains data organized into cylinders (C1, C3, C5, C7, C9, C11, C13, C15) and sectors (PREREAD). The disk's rotational speed is indicated as "ROTATIONAL SPEED: a" and "ROTATIONAL SPEED: a+b".

Data Transfer: Data is read from the disk ("RD+PREREAD") and sent to the host unit. The host unit's buffer is labeled "DRAM" and contains a "200h" range of data.

Read Operation: The host unit sends a read command "RD" and a range of cylinder addresses "C1 ~ C15" to the disk. The disk's data is read into a buffer (DRAM) and then sent to the host unit. The host unit's buffer is labeled "DRAM" and contains a "200h" range of data.

Read Operation: The host unit sends a read command "RD" and a range of cylinder addresses "C1 ~ C15" to the disk. The disk's data is read into a buffer (DRAM) and then sent to the host unit. The host unit's buffer is labeled "DRAM" and contains a "200h" range of data.

FIG.21

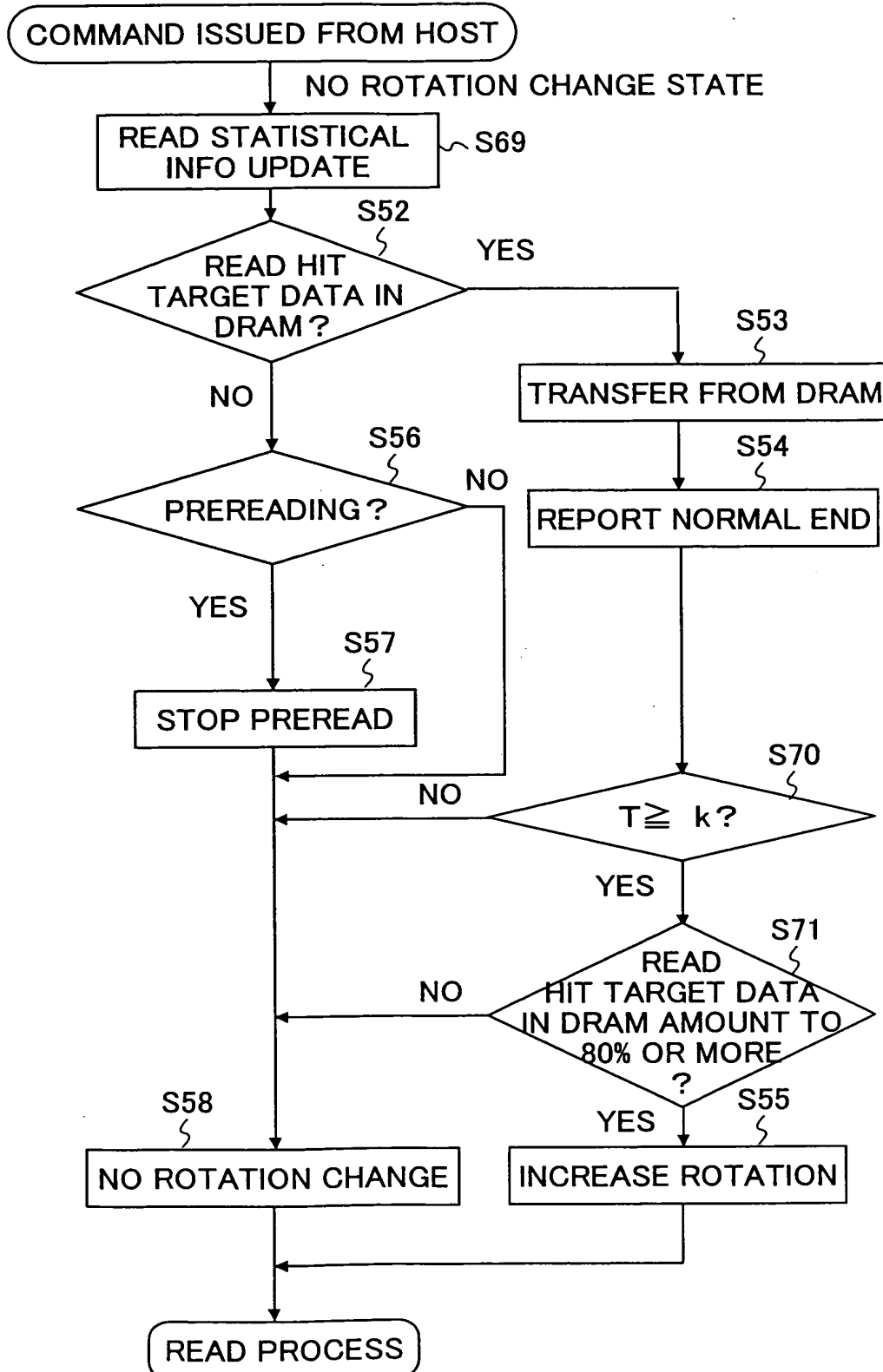


FIG.22

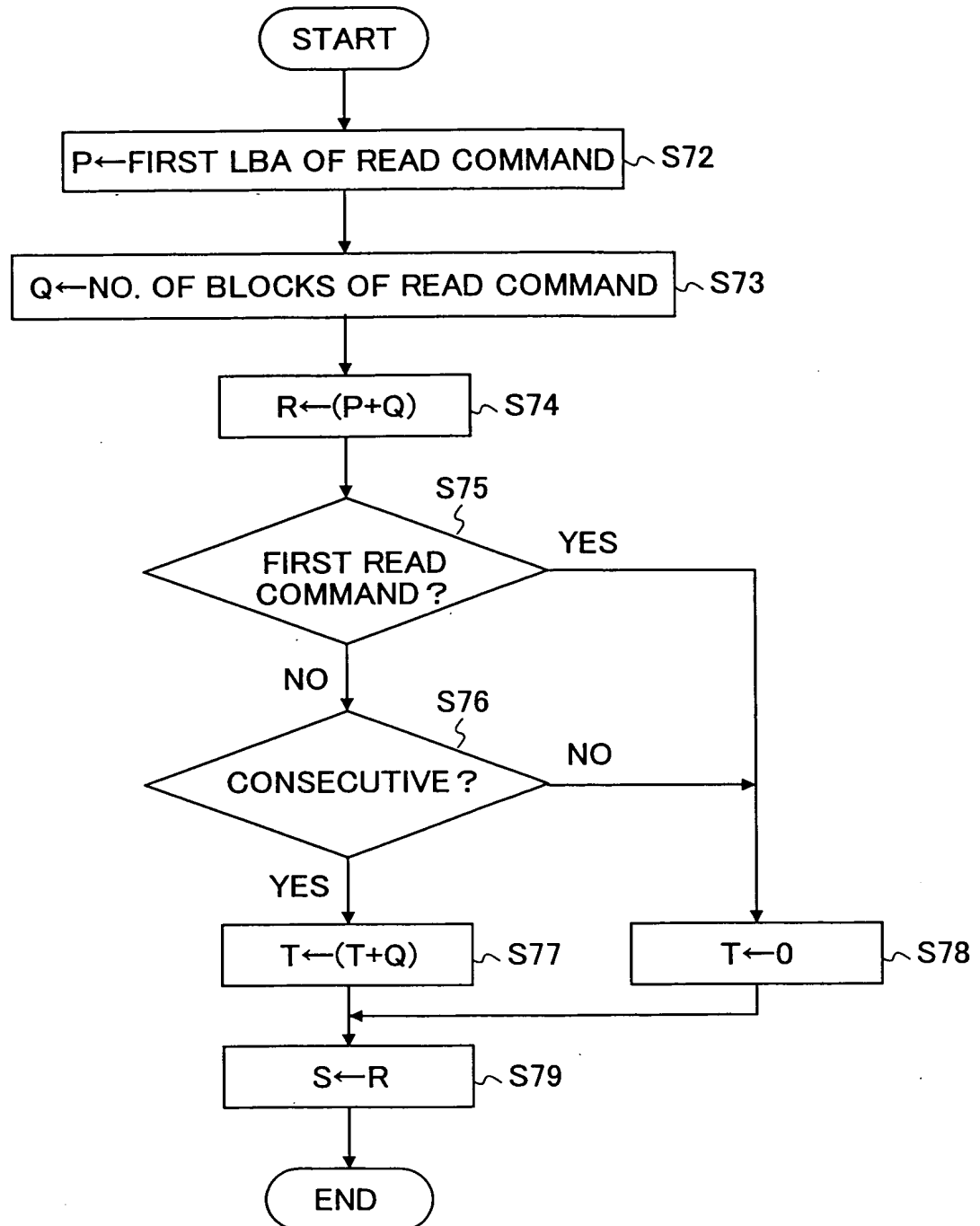


FIG.23

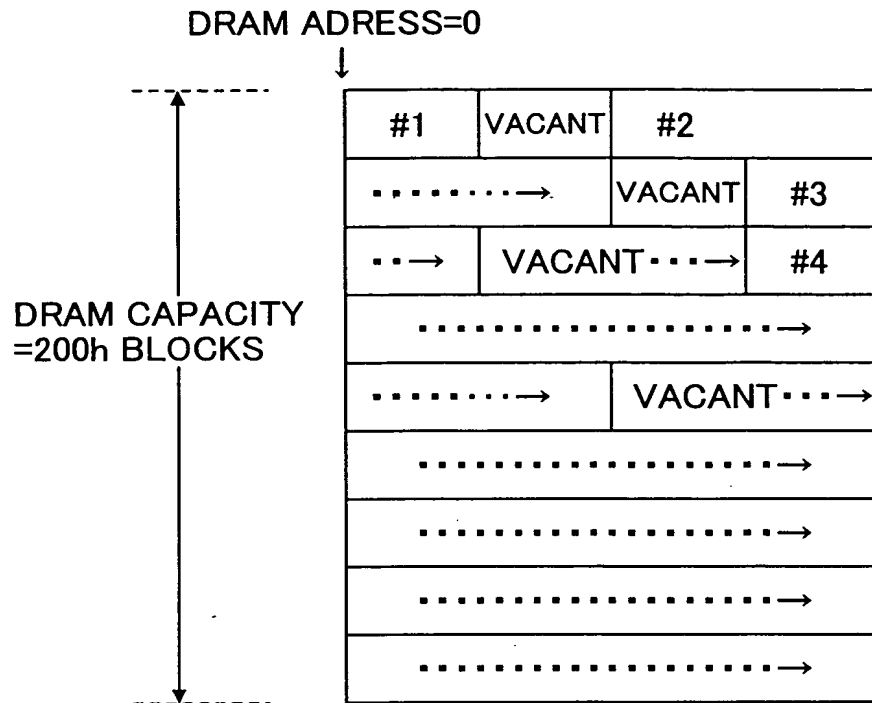


FIG.24

#	FIRST LBA	BCNO.	ADR OF FIRST LBA
1	1000	10	0
2	1020	40	4000
3	1070	20	E000
4	10B0	70	16000
.
n

(UNIT:Hex)

FIG.25

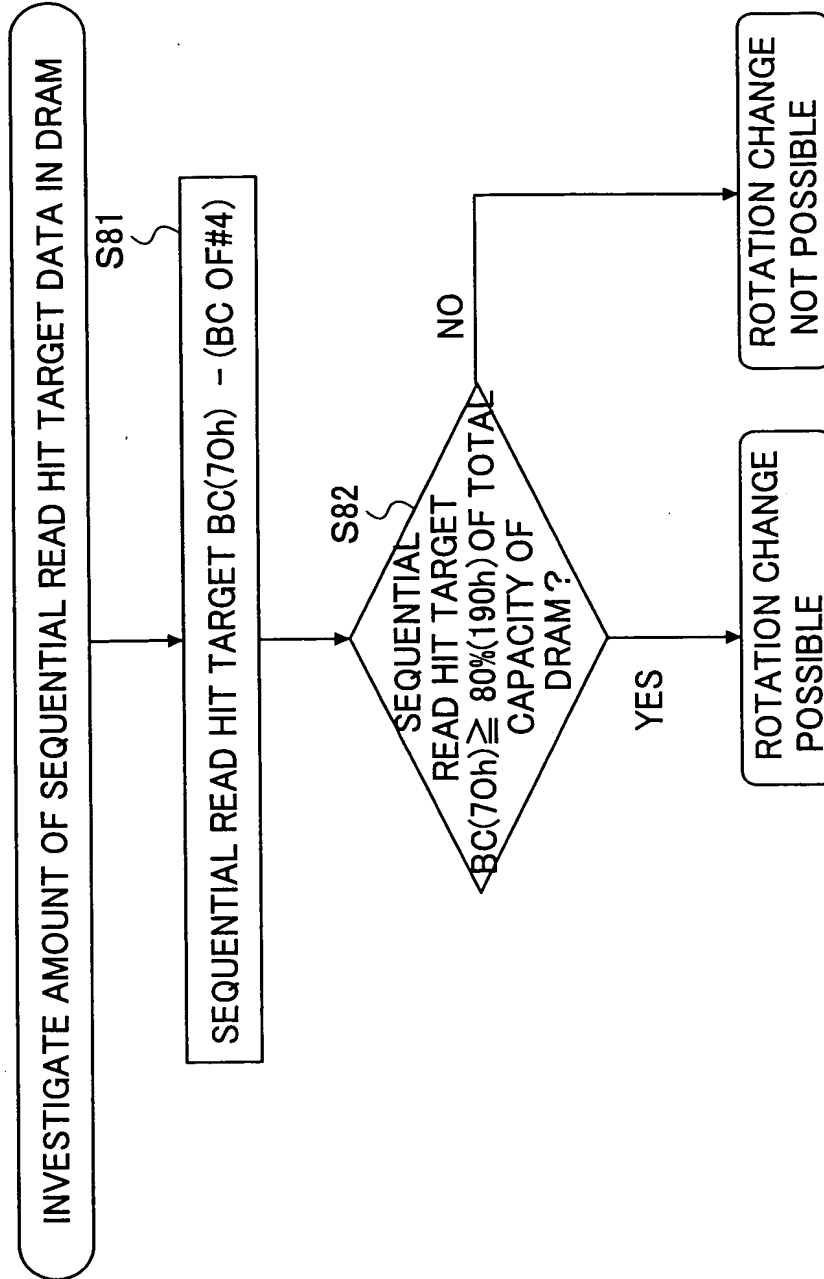


FIG.26

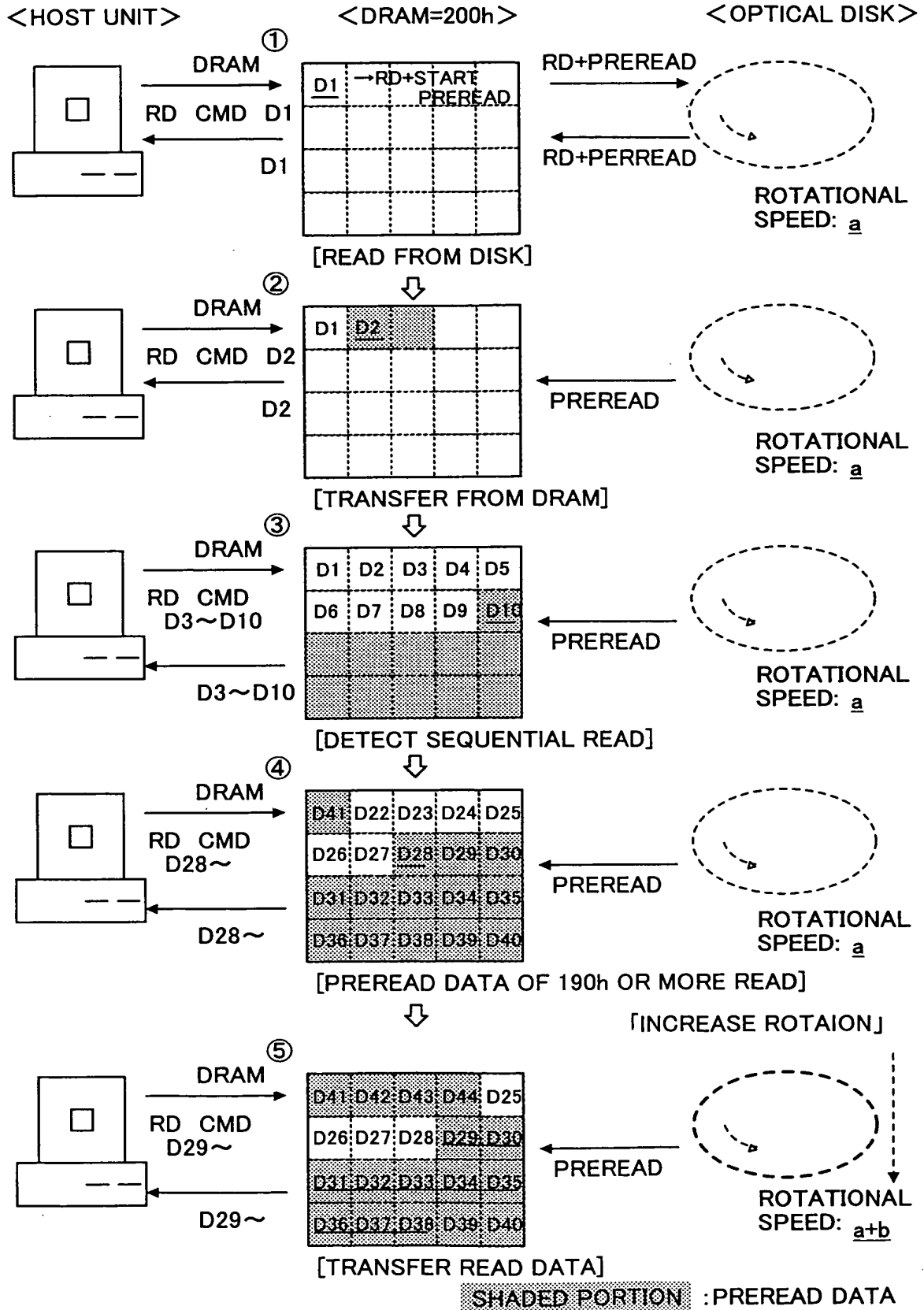


FIG.27

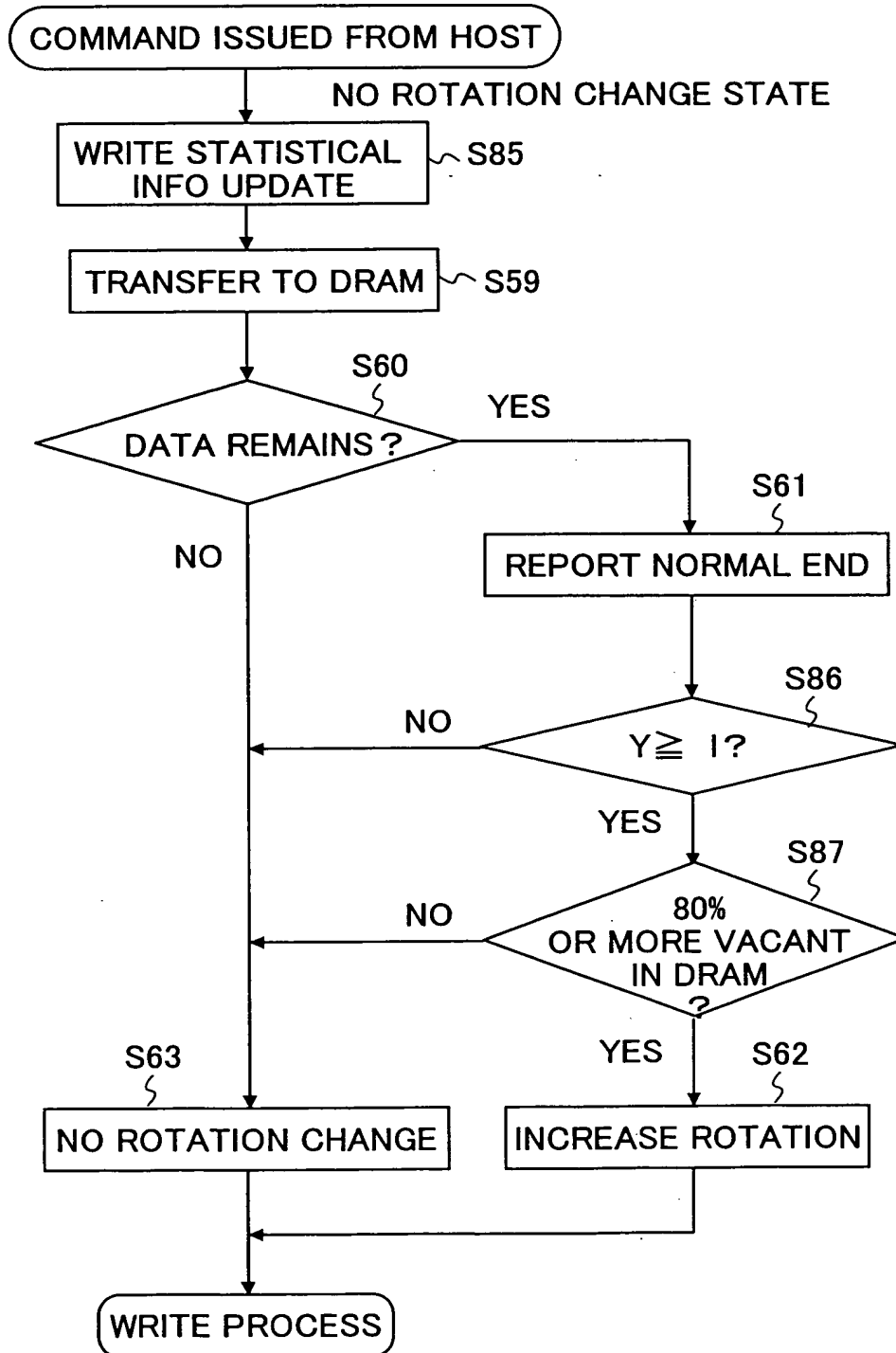


FIG.28

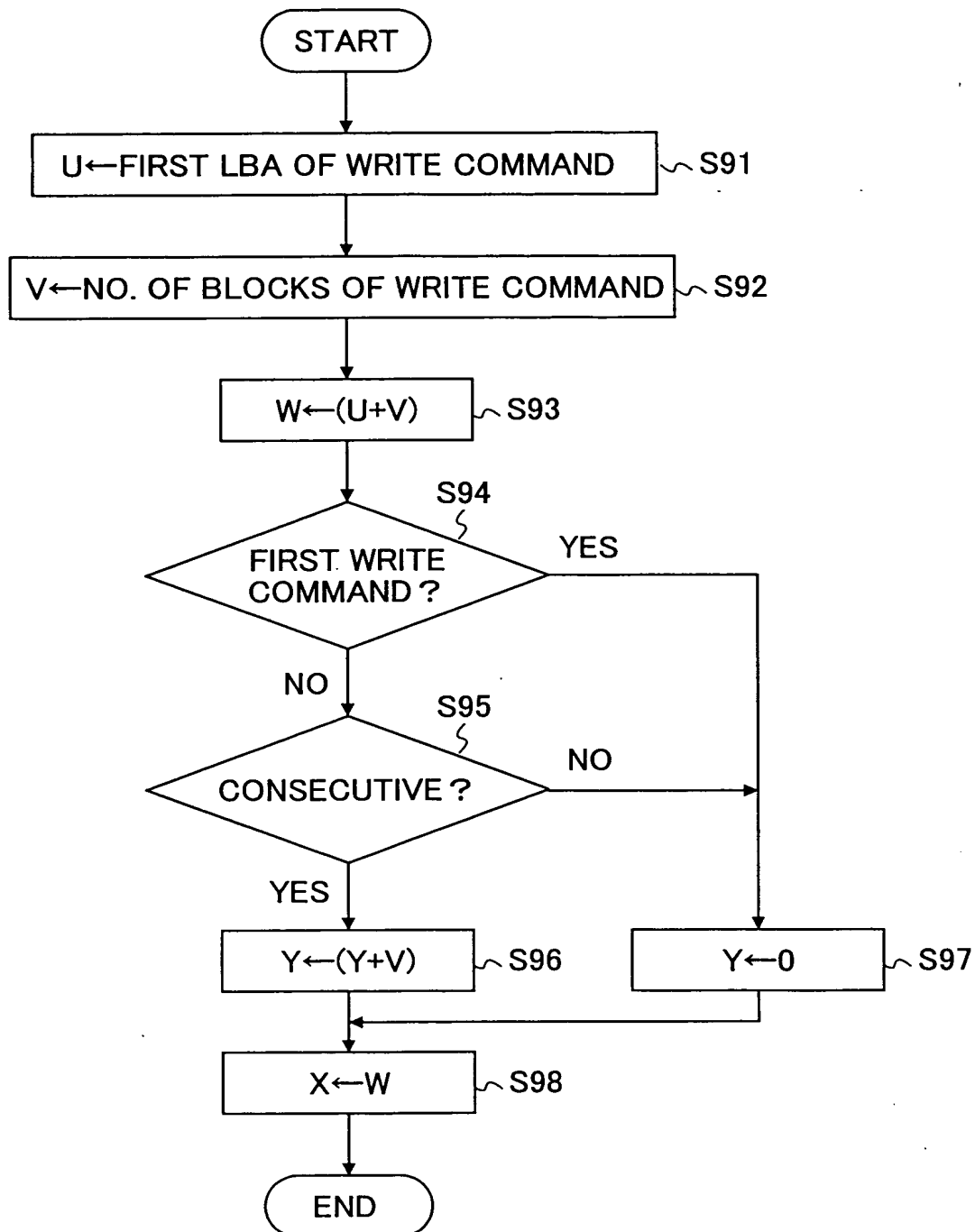


FIG.29

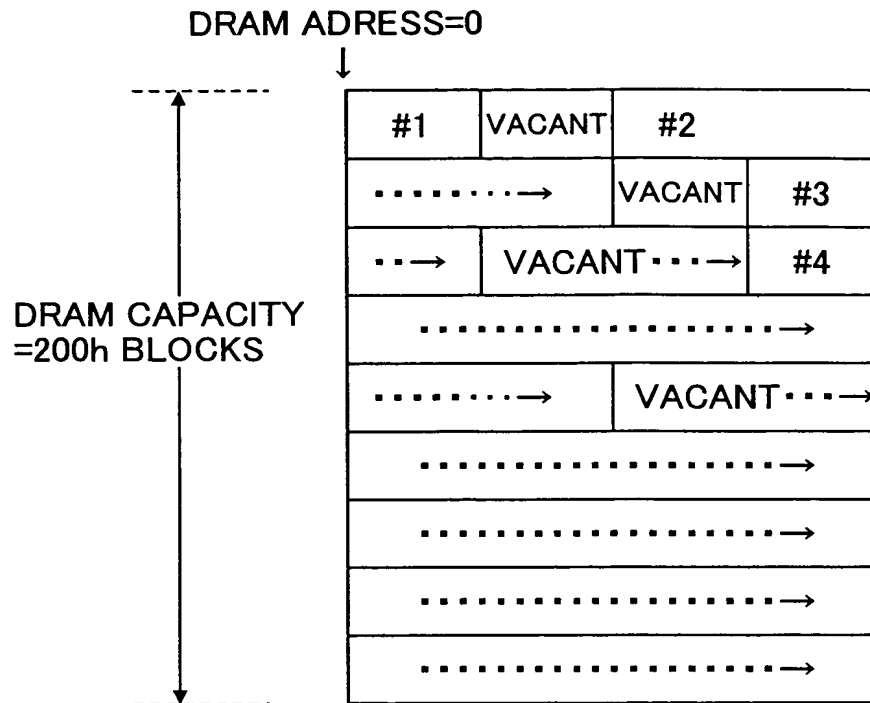


FIG.30

#	FIRST LBA	BCNO.	ADR OF FIRST LBA
1	1000	10	0
2	1020	40	4000
3	1070	20	E000
4	10B0	70	16000
.
n

(UNIT:Hex)

FIG. 31

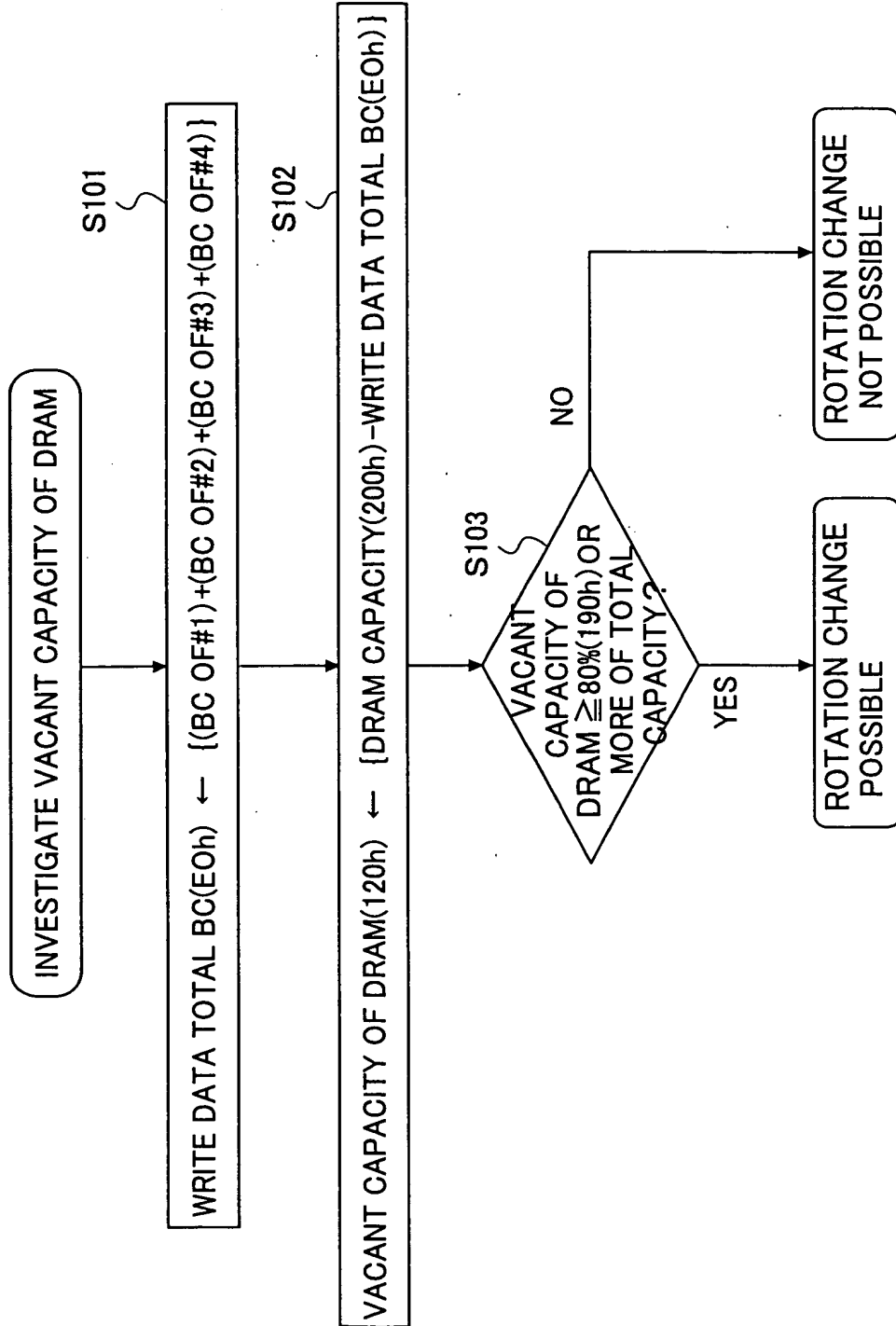


FIG.32

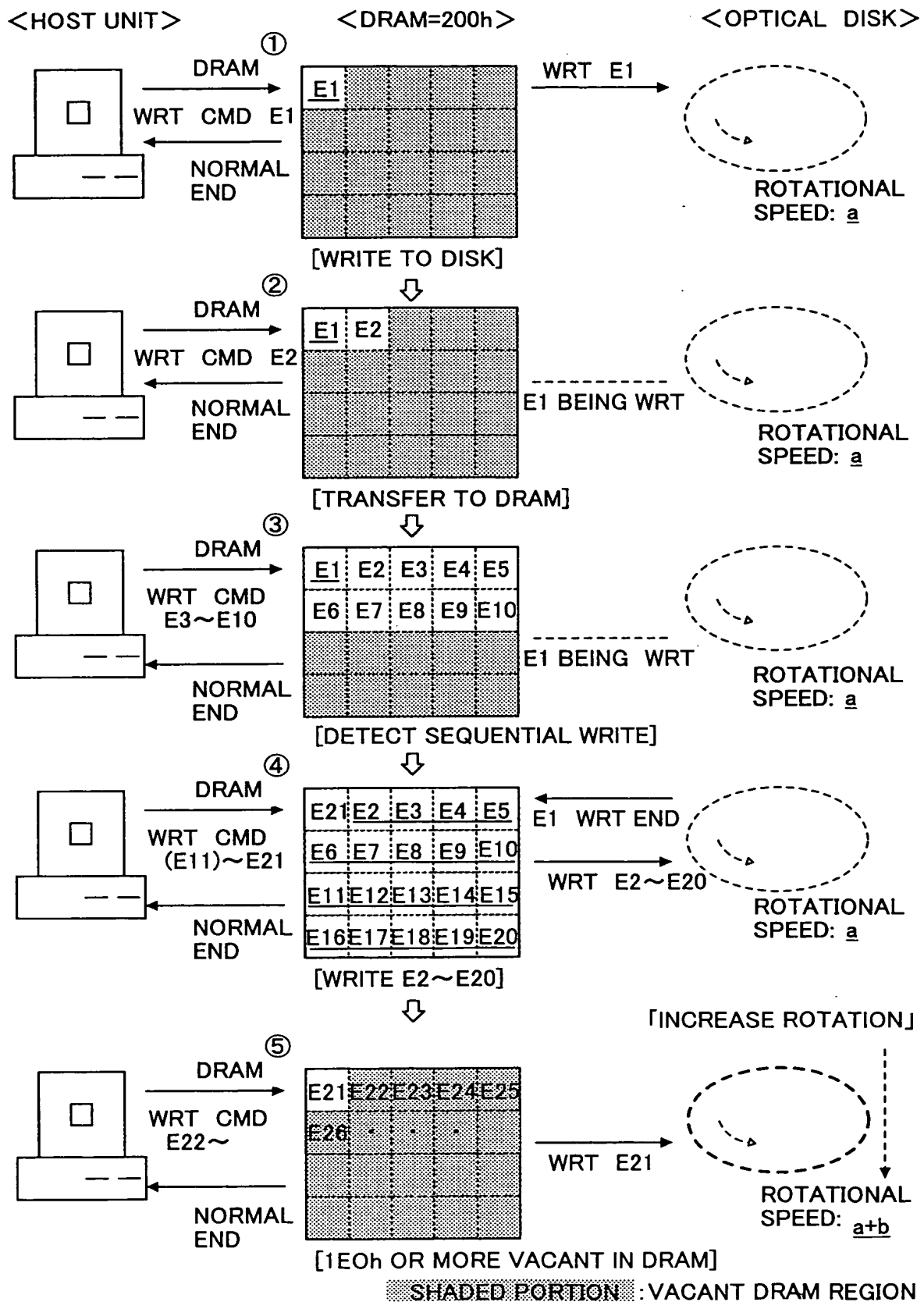


FIG.33

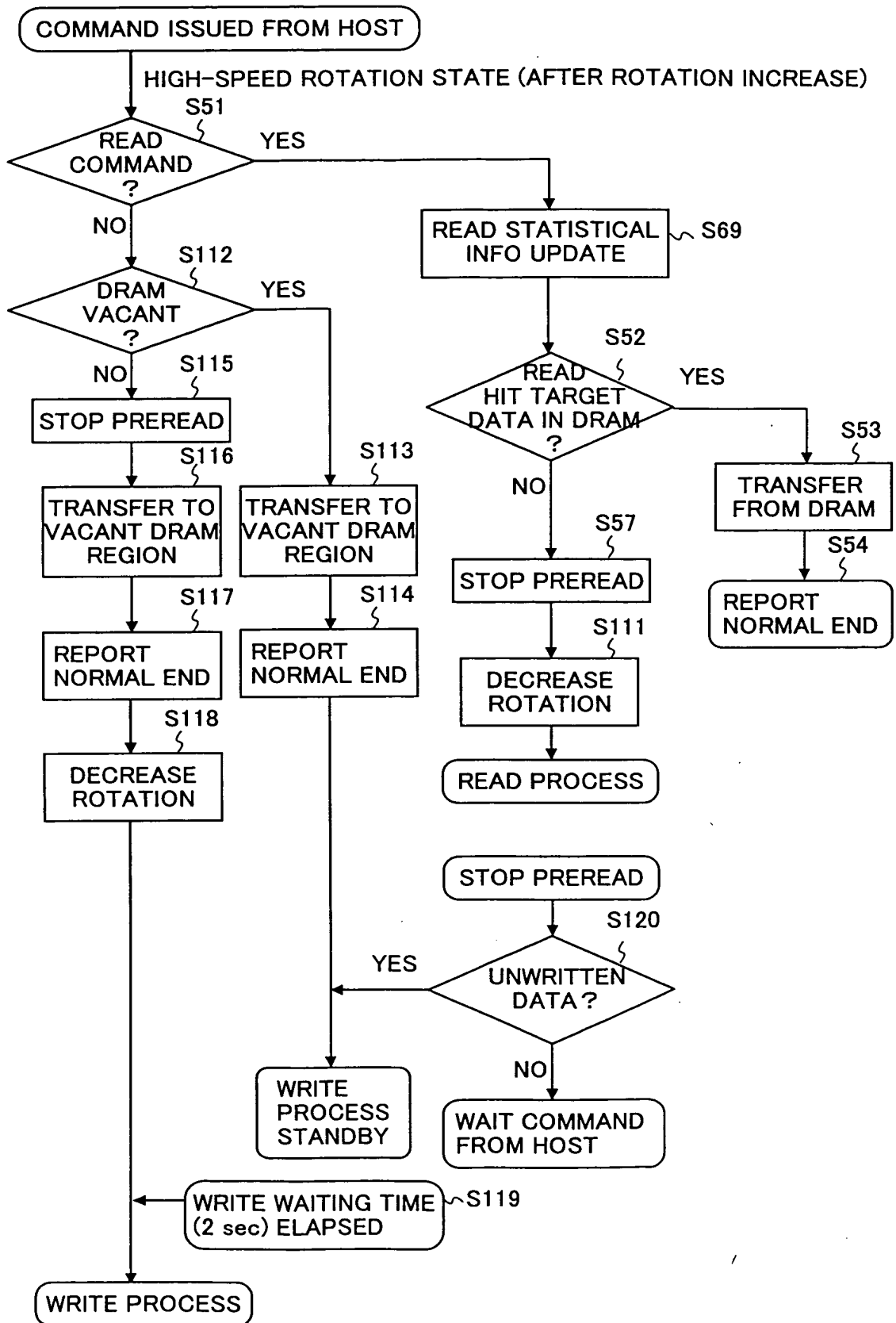


FIG.34

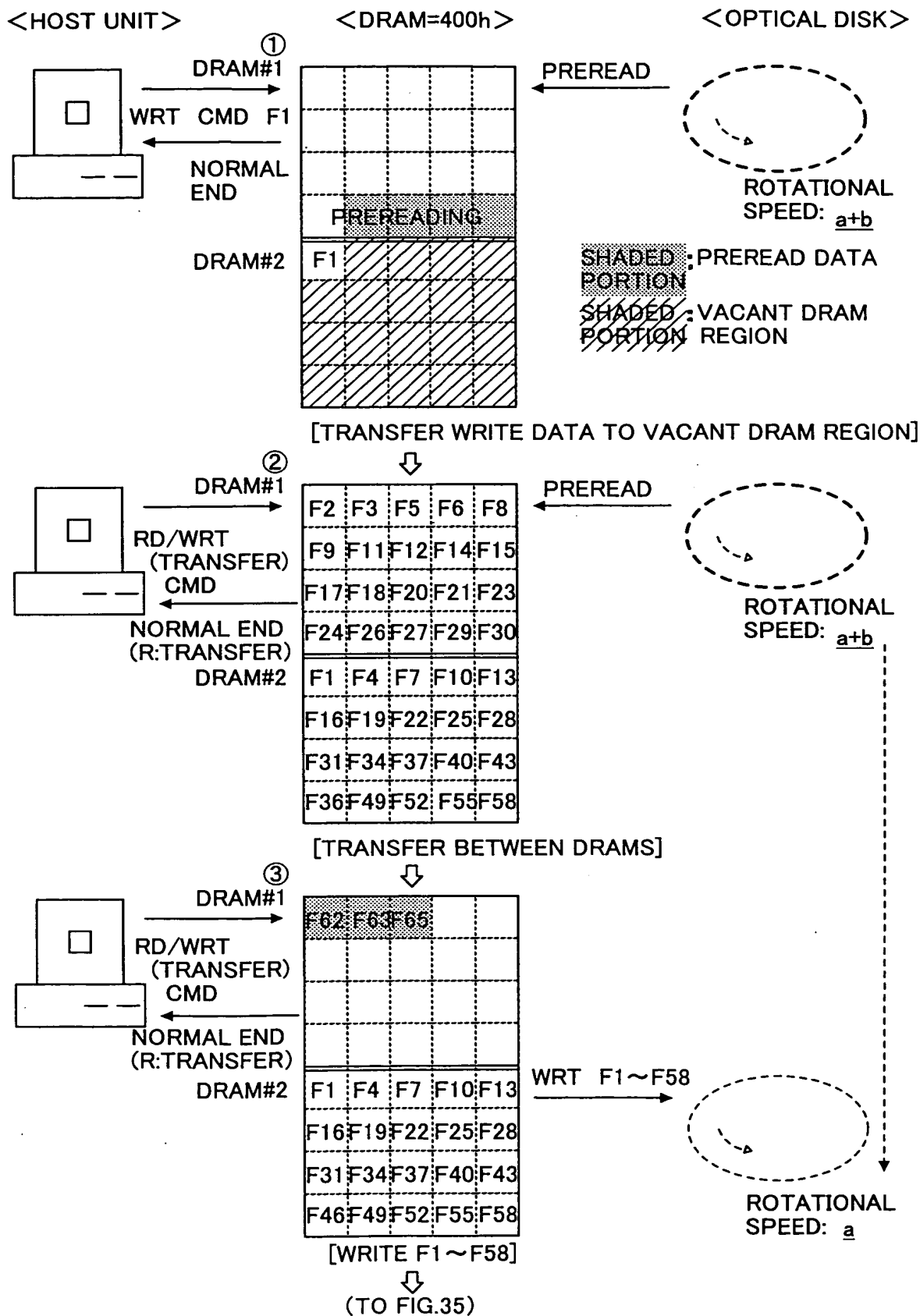


FIG.35

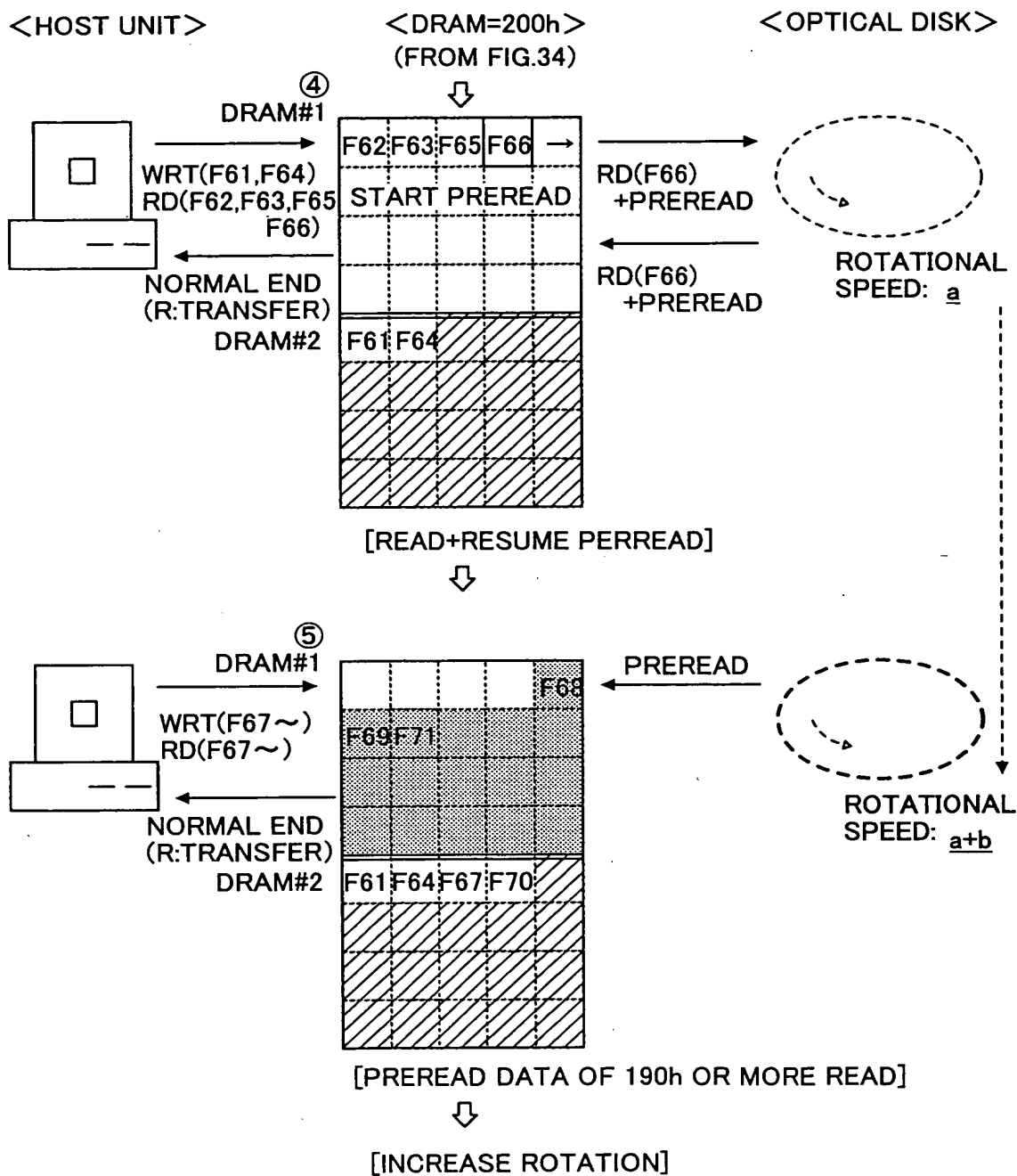


FIG.36

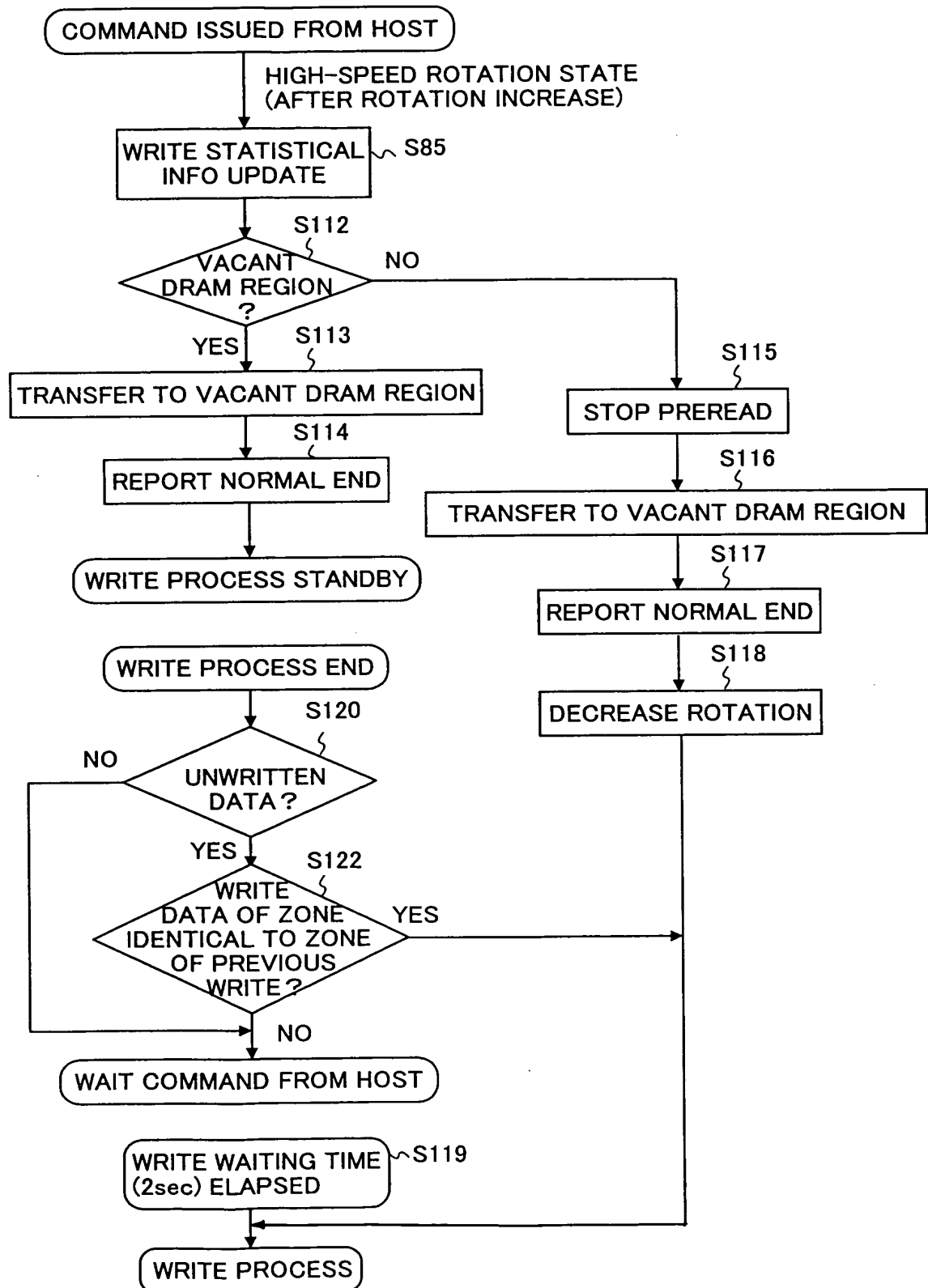


FIG.37

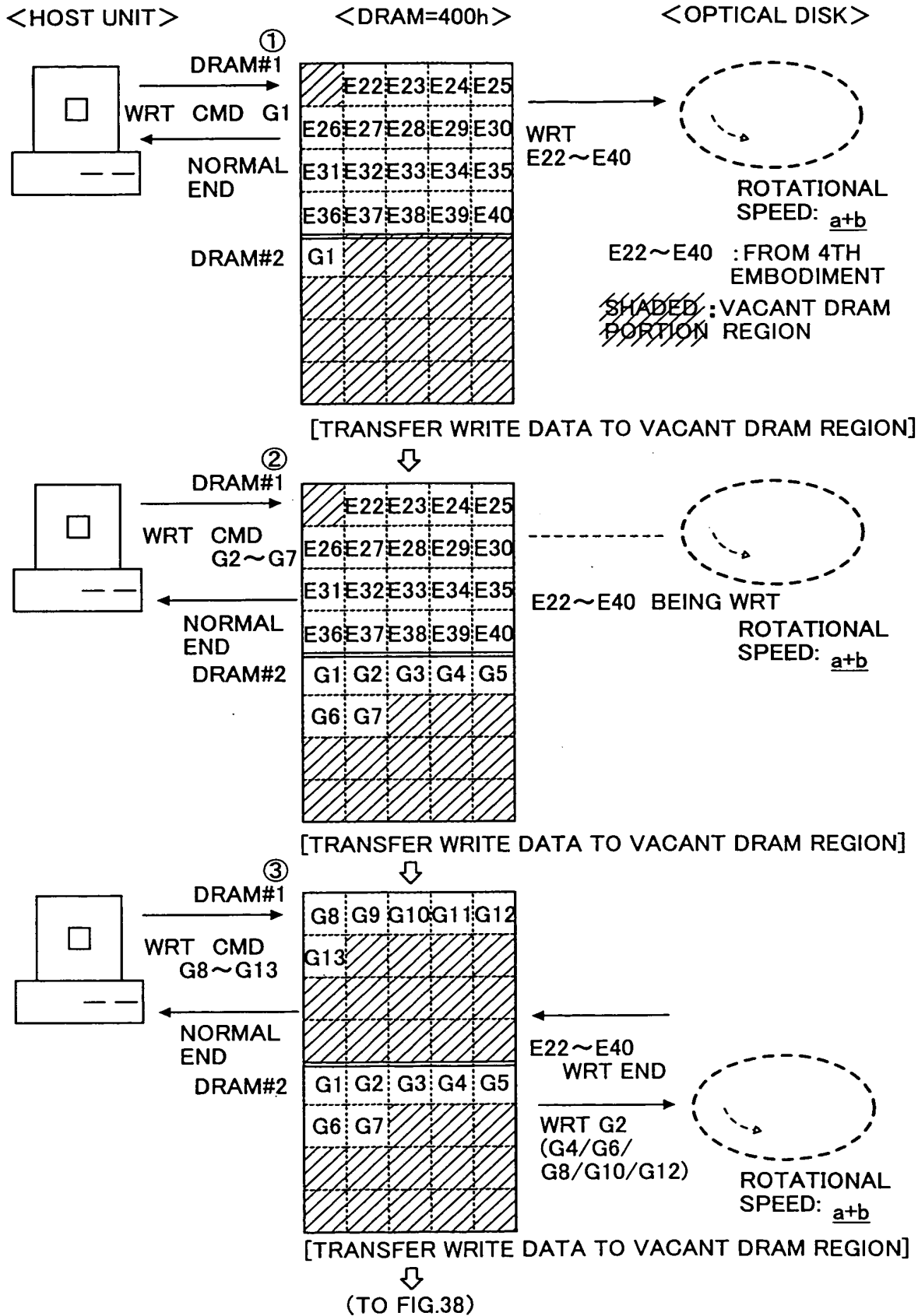


FIG.38

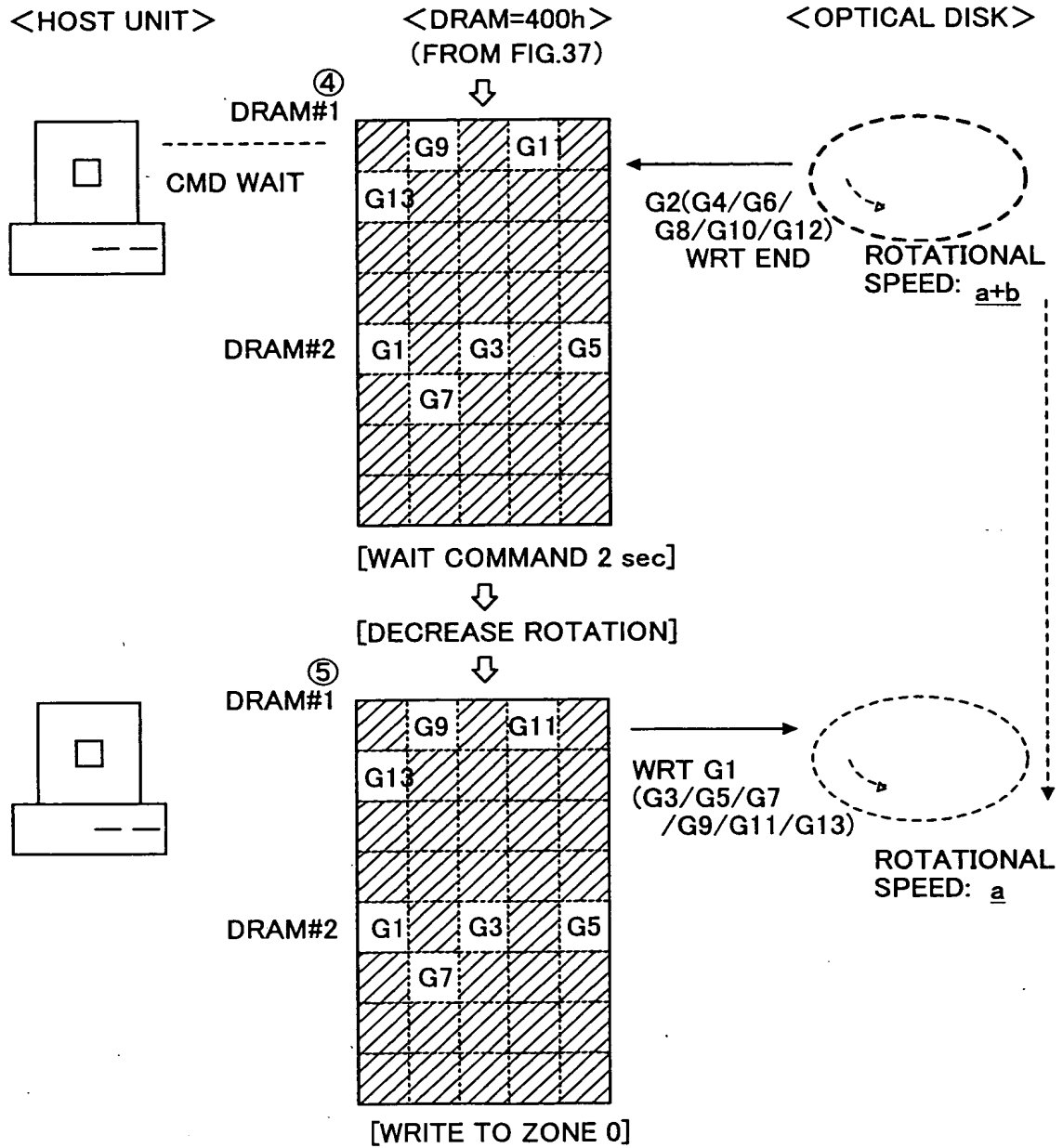


FIG.39

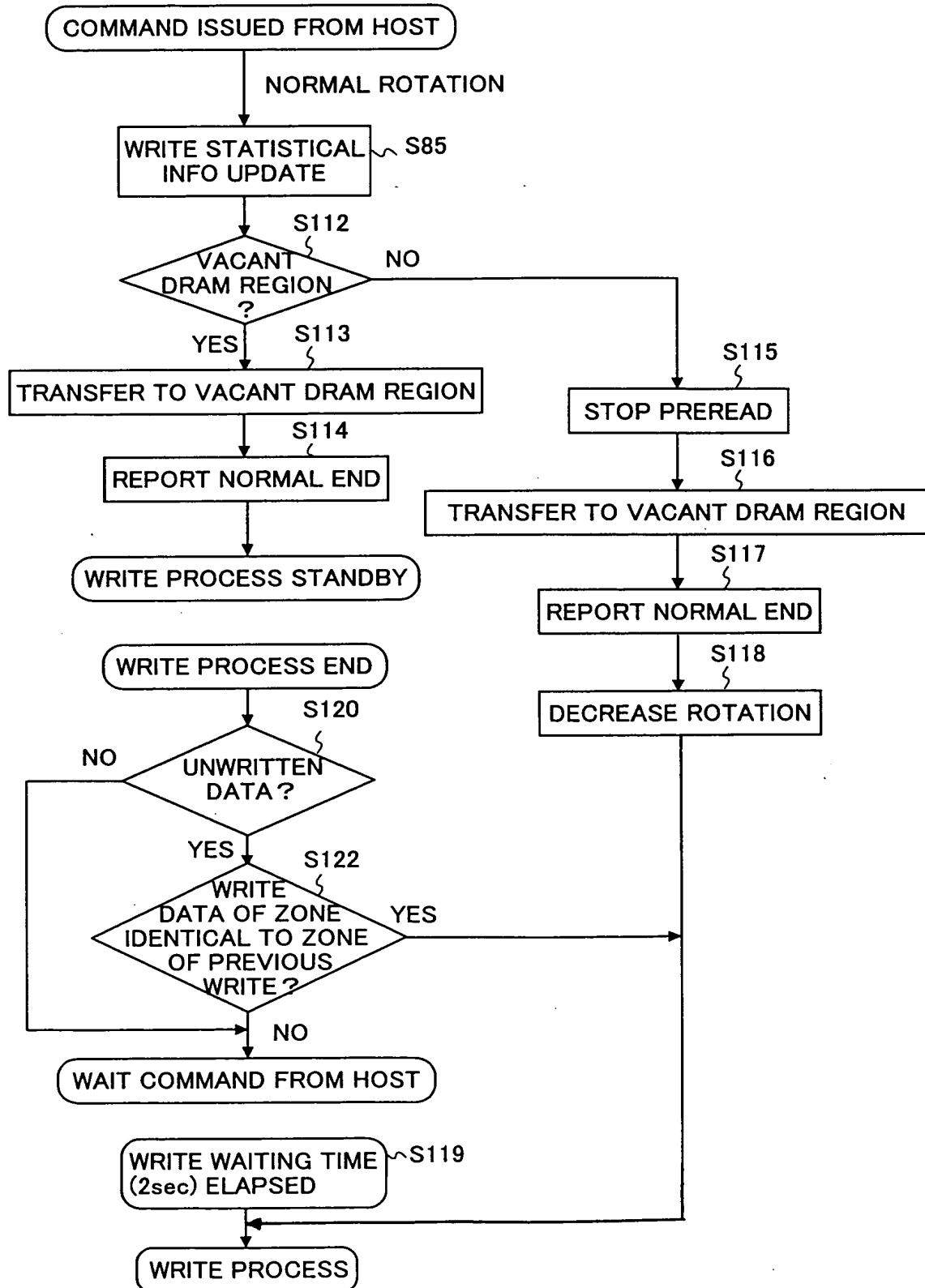


FIG.40

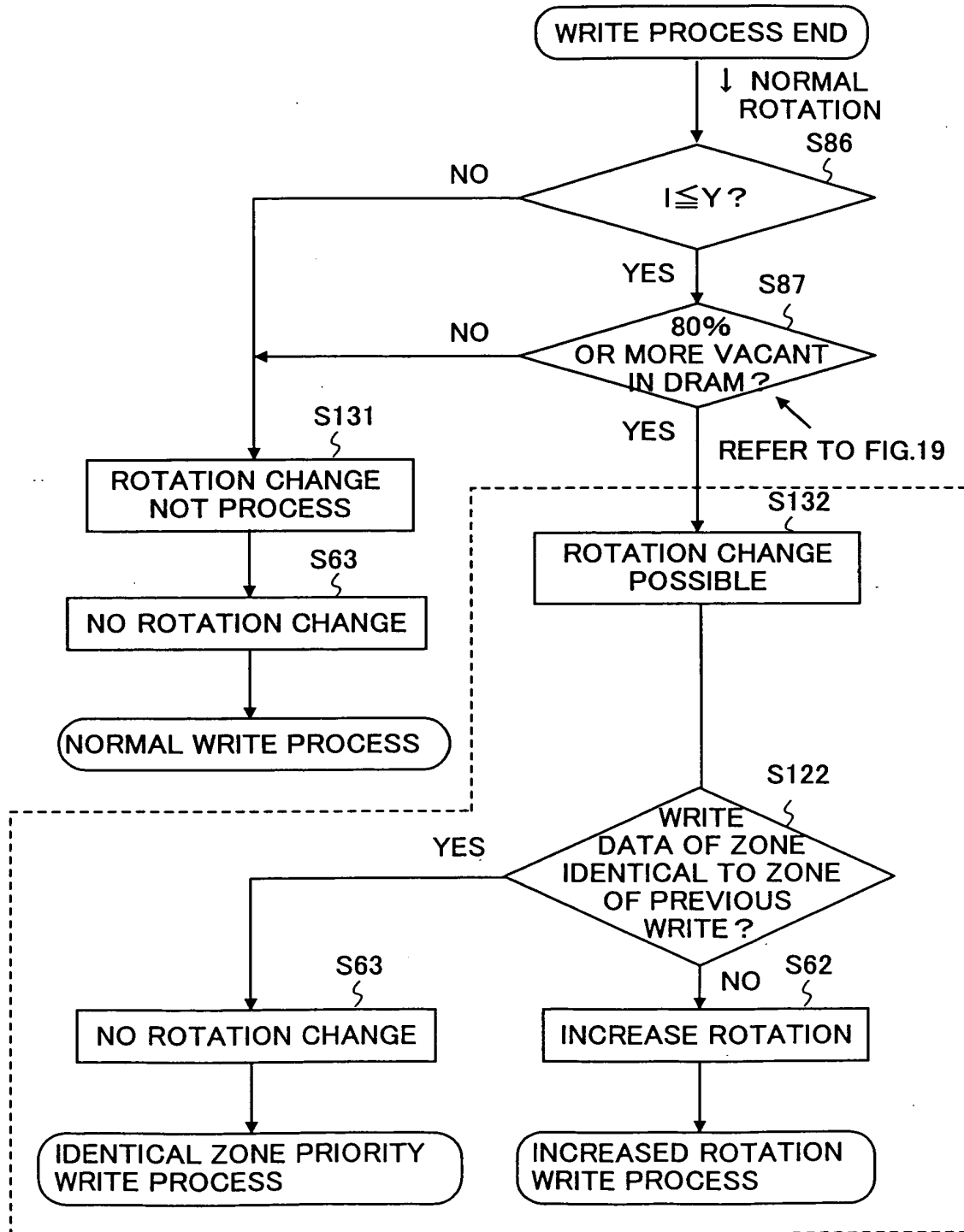


FIG.41

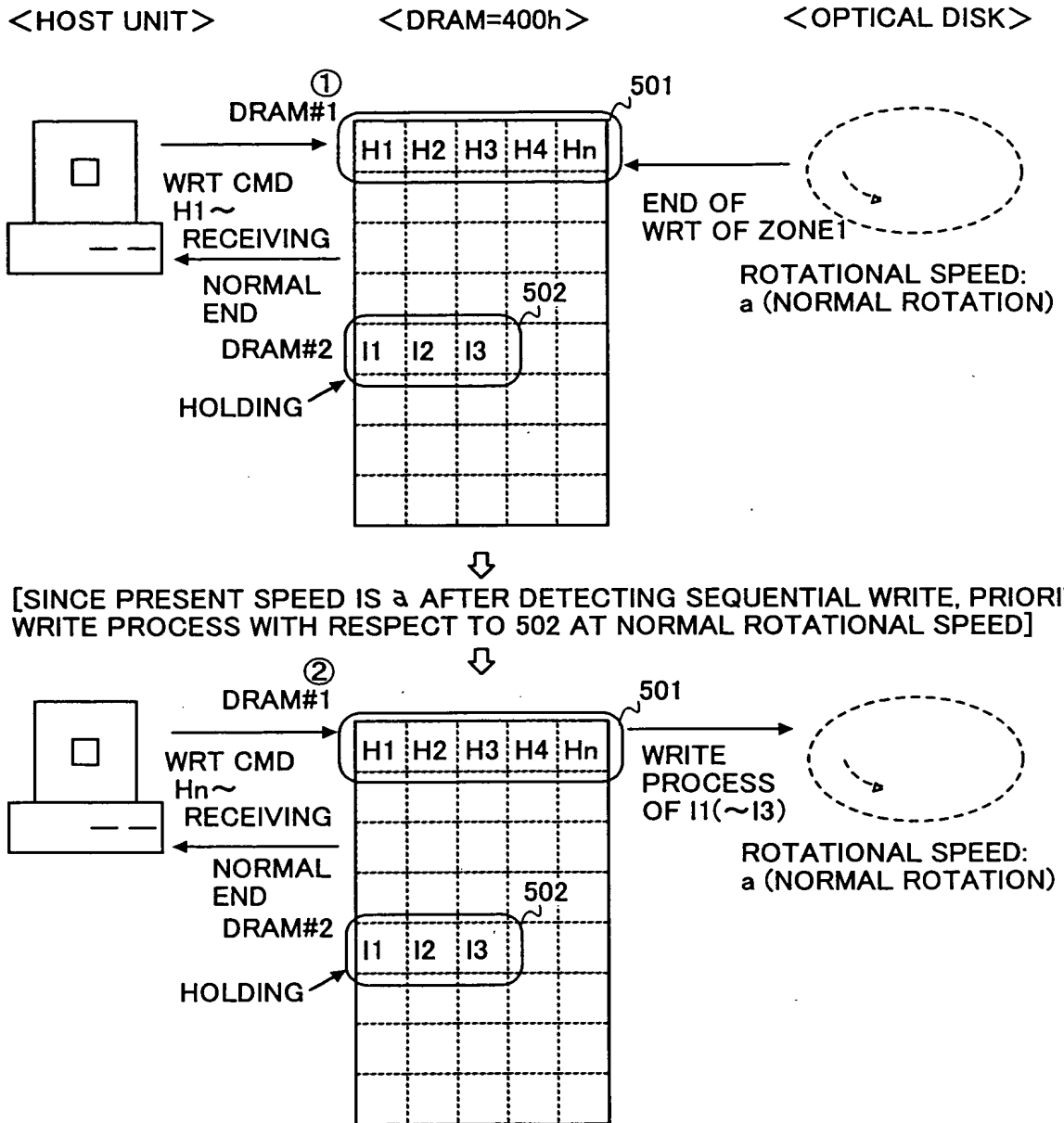


FIG.42

